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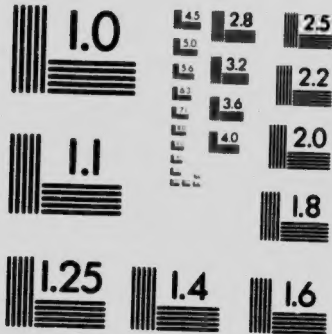


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Robert Bell

GEOLOGICAL SURVEY OF CANADA

A. P. LOW, DEPUTY HEAD AND DIRECTOR

CATALOGUE OF PUBLICATIONS

OF THE

GEOLOGICAL SURVEY OF CANADA

MUSEUM AND OFFICES

SUSSEX STREET, OTTAWA



OTTAWA
GOVERNMENT PRINTING BUREAU
1906

No. 956

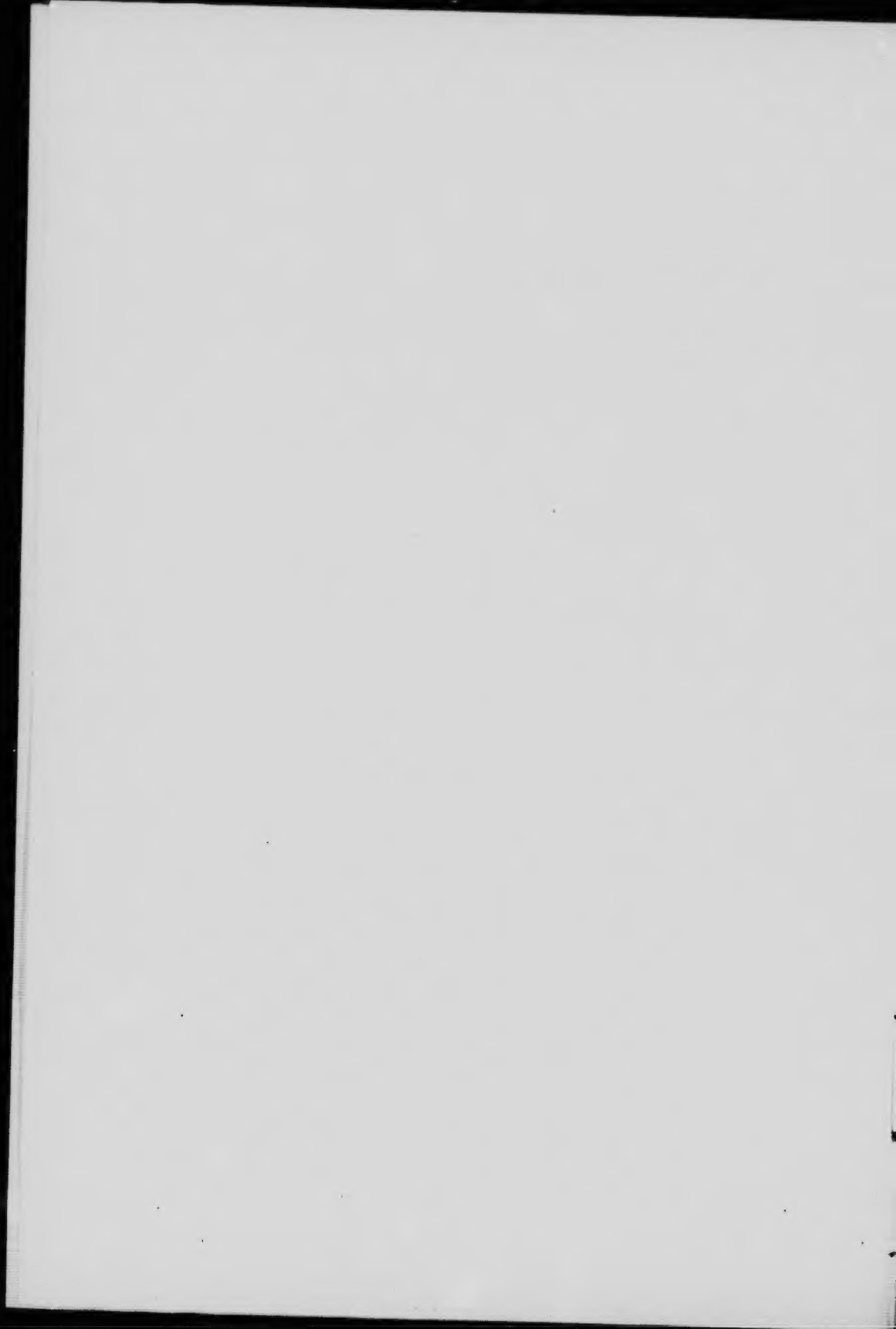
Dec. 1985

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NOTE.

All Lists of Publications of the Geological Survey except the present one are out of print.



OTTAWA, ONT., June 11, 1906.

A. P. Low, Esq.,

Director of the Geological Survey.

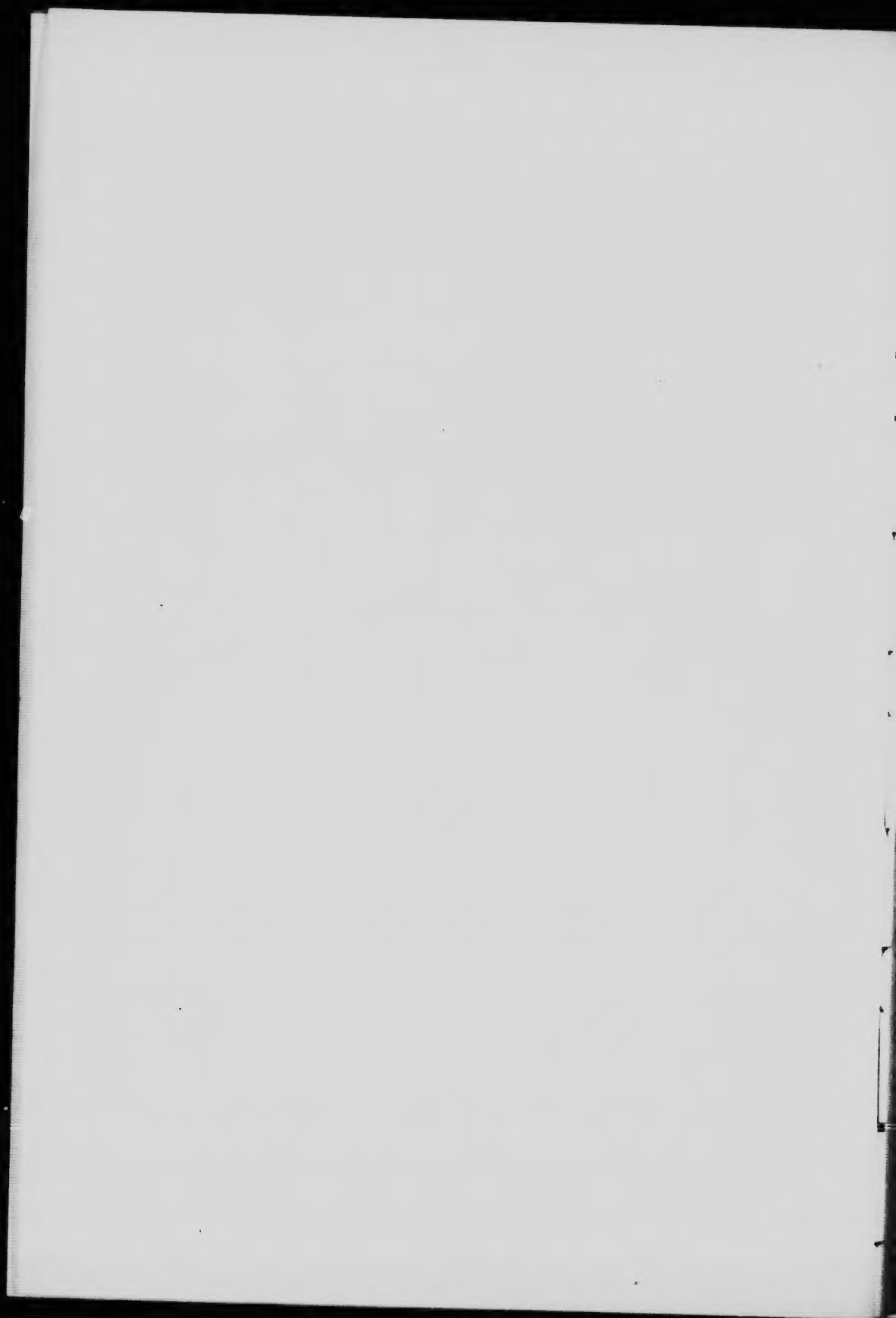
SIR,—Acting on your instructions, I have compiled, and now beg to hand you, a complete catalogue of the publications of this Department.

I have the honour to be, sir,

Your obedient servant,

F. J. NICOLAS,

Editor.



THE PUBLICATIONS

OF THE

GEOLOGICAL SURVEY OF CANADA

The principal series of publications of the Geological Survey consists of volumes issued under the name of *Reports of Progress*, from 1843 to 1882-84, and continued under the name of *Annual Reports* (New Series) from 1885. Since 1885, after the close of each calendar year, a *Summary Report* by the Director has been issued separately, as has also each report included in the several volumes. All the above mentioned reports, with the accompanying maps, as also the *Geology of Canada* (1863) and the *Geological Map of Canada* (1866), are enumerated chronologically in the first portion of this catalogue.

Copies of the Reports of the Geological Survey are distributed at the time of publication to members of both Houses of Parliament, and to the departmental and other offices of the Dominion and Provincial Governments.

The publications are also distributed as scientific exchanges, and are sent to the more important libraries, institutions of learning, &c., in Canada and other countries. It is desired, as far as possible, to have the Reports of the Survey available for reference to the public in some permanent library in every important centre in Canada.

The remaining portion of the edition is, in each case, placed on sale, at prices generally less than the actual cost of printing, but a copy will be sent free to any bona fide applicant in Canada who may be interested in the district to which the report refers.

The Librarian will be happy to supply information as to reports or maps covering particular districts or relating to special subjects when this can not be obtained from the list of publications.

Publications may be obtained directly from the Librarian, Geological Survey offices, Ottawa, or may be ordered through :—

W. Foster Brown & Co., Montreal, Que.

C. H. Thorburn, Ottawa, Ont.

W. Tyrrell & Co., Toronto, Ont.

J. A. Knight & Co., Halifax, N.S.

J. A. McMillan, St. John, N.B.

T. N. Hibben & Co., Victoria, B.C.

Alex. Taylor, Winnipeg, Man.

Thomson Bros., Vancouver, B.C.

Thomson Bros., Calgary, Alta.

Edward Stanford, 26 and 27 Cockspur St., Charing Cross, London.

F. A. Brockhaus, Leipzig.

Lemcke & Buechner, 812 Broadway, New York.

The Scientific Publishing Co., 253 Broadway, New York.

A. P. LOW,

Deputy Head and Director.

Acts respecting the Department of The Geological
Survey (53 Victoria, Chap. 11 and 62-63 Victoria,
Chap. 21.)

[Assented to 16th May, 1890 and 11th Aug., 1899.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. In this Act the expression "Department" means the Department of the Geological Survey hereby constituted.

2. There shall be a Department of the Civil Service which shall be called "The Geological Survey," over which the Minister of the Interior shall preside; and the said Minister shall have the management and control of the Department.

3. The Governor in Council may appoint an officer who shall be the Deputy Head and Director of the Department and such other officers, clerks and servants as are required for the proper conduct of the business of the Department, all of whom shall hold office during pleasure, and shall be appointed and classified under Schedule A of "*The Civil Service Act*"; and in accordance with and under the terms of Section six of the said Act.

(2.) Such officers of the Department as are continuously engaged in the prosecution of original scientific work or investigation shall be classified as technical officers, under class (b) of Schedule A of "*The Civil Service Act*," and the Governor in Council may cause to be prepared a list of such officers of the Department as are considered to be entitled to be thus classified with any designations that may be deemed expedient to indicate the scientific work in which they may be engaged.

4. No person shall, after the passing of this Act, be appointed to this Department under class (b) of Schedule A of "*The Civil Service Act*," unless—

(a.) He is a Science Graduate of either a Canadian or a foreign University or of the Mining School of London or the *Ecole des Mines* of Paris or of some other recognized science school of standing equal to that of the said universities and schools, or a graduate of the Royal Military College; or unless—

(b.) He has served a probation of not less than five years in the scientific work of the Department.

"2. Any person so appointed shall be appointed on probation and shall not receive a permanent appointment until he had served a probationary term of at least one year, during which probationary period he may be rejected by the head of the department; but if he be not rejected, the deputy head shall, at the expiration of the probationary period, signify to the head of the department, in writing, that he considers the person so appointed competent for the duties of the department, and the appointment shall thereupon become permanent."

(c.) He has had experience for the same number of years in similar work, official or otherwise, elsewhere.

5. The duties, objects and purposes of the Department shall be :—

(a.) To make a full and scientific examination and survey of the geological structure, mineralogy, mines and mining resources of Canada and of its fauna and flora ;

(b.) To maintain a museum of geological and natural history and to collect, classify and arrange for exhibition in the museum of the Department such specimens as are necessary to afford a complete and exact knowledge of the geology, mineralogy and mining resources of Canada ; to collect, study and report on the fauna and flora of Canada ; to carry on chemical and paleontological investigations, and to make such other researches as will best tend to ensure the carrying into effect the objects and purposes of this Act ;

(c.) To prepare and publish such maps, plans, sections, diagrams and drawings as are necessary to illustrate and elucidate the reports of surveys and investigations ;

(d.) To collect and to publish, as soon as may be after the close of the calendar year, full statistics of the mineral production and of the mining and metallurgical industry of Canada ; to study the facts relating to water supply, both for irrigation and for domestic purposes, and to collect and preserve all available records of artesian or other wells, and of mines and mining works in Canada.

6. The Deputy Head and Director of the Department shall, as soon as may be after the close of each calendar year, make a summary report, to the Minister, of the proceedings and work of the Department for the year, and shall also furnish final and detailed reports, to be issued from time to time in such manner and form as the Minister directs ; and the Minister shall cause the same to be laid before Parliament, with such remarks, explanations and recommendations as he thinks proper.

7. The Department shall be furnished with such books, instruments and apparatus as are necessary for scientific reference and for the prosecution of the survey ; and the Governor in Council may, from time to time cause the enlargement of the museum, and the distribution of duplicate specimens to scientific, literary and educational institutions in Canada and other countries, and also the distribution or sale of the publications, maps and other documents issued by the Department.

8. The Minister may, for the purpose of obtaining a basis for the representation of the geological features of any part of Canada, cause such measurements and observations and physiographic, exploratory and reconnaissance surveys to be made as may be necessary for or in connexion with the preparation of geological maps, sketches, plans, sections or diagrams.

9. Persons employed in one section of the Department may be directed by the Minister to perform any duty in or with respect to any other section.

10. No person employed in or under the Department shall—

(a.) Purchase any Dominion or Provincial lands except under authority of the Governor in Council ;

(b.) Locate military or bounty land warrants, or land scrip, or act as agent of any other person in such behalf ;

(c.) Disclose to any person, except his superior officer, any discovery made by him or by any other officer of the Department, or any other information in his possession in relation to matters under the control of the Department or to Dominion or Provincial lands, until such discovery or information has been reported to the Minister of the Interior, and his permission for such disclosure has been obtained ;

(d.) Make investigations or reports relating to the value of the property of individuals, nor hold any pecuniary interest, direct or indirect, in any mine, mineral lands, mining works or timber limits in Canada.

11. Nothing in this Act shall be construed to invalidate or interfere with the commissions, as assistant directors, heretofore issued under Orders in Council to certain members of the scientific staff.

12. This Act shall be substituted for chapter twenty-three of the Revised Statutes, respecting the Geological and Natural History Survey of Canada, which is hereby repealed.

13. The foregoing provisions of this Act shall come into force on the first day of July, one thousand eight hundred and ninety.

An Act to amend an Act respecting the Department of the Geological Survey (55-56 Victoria, Chap. 16.)

[Assented to 10th May, 1892.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows :—

1. Section two of the Act fifty-third Victoria, chapter eleven, intituled *An Act respecting the Department of the Geological Survey*, is hereby repealed and the following substituted therefor :—

"2. There shall be a Department of the Civil Service which shall be called 'The Geological Survey,' which shall be presided over by a Minister of the Crown to be named from time to time for that purpose by the Governor in Council ; and the Minister so named shall have the management and control of the Department during the pleasure of the Governor in Council."

2. Section ten of the said Act is hereby amended by striking out the words "of the Interior" in the twelfth line thereof.

An Act further to amend the Act respecting the
Department of the Geological Survey (61 Victoria,
Chap. 18.)

[Assented to 13th June, 1898.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows :—

1. When the services of temporary assistants having special professional or technical qualifications are required in the Department of the Geological Survey, the Minister of the Crown presiding over that Department may, upon the requisition of the Deputy Head and Director of the Department employ such number of temporary assistants as are necessary, having the qualifications requisite for appointment as technical officers of the Department under section four of the *Act respecting the Department of the Geological Survey*, chapter eleven of the statutes of 1890.

2. Notwithstanding anything contained in the Civil Service Act or any Act in amendment thereof, it shall not be necessary that any person appointed a temporary assistant under the next preceding section shall have passed any examination under the *Civil Service Act*, and such person may be paid at the rate of more than four hundred dollars a year and out of moneys voted by Parliament for the contingencies of the Department or any other moneys voted by Parliament and applicable to such payment although such moneys may not have been specially voted for such purpose.

NOTE.—Reports, maps, &c., marked thus (*) have been printed separately.

In ordering publications, they may be designated by the running numbers employed in the list.

The number of pages always refers to the English edition, unless otherwise stated.

PART I

REPORTS OF PROGRESS, ANNUAL REPORTS AND SUMMARY REPORTS, IN ORDER OF PUBLICATION.

1. **Report of Progress for 1843.** Published in English and French, Montreal, 1843. 8vo. pp. English 159, French 159. Out of print.
Contains the following Reports :—
LOGAN, W. E.—Remarks on the Mode of making a Geological Survey of Canada.
LOGAN, W. E.—Preliminary Report of Progress, 1842.
LOGAN, W. E.—Report of Progress for 1843, giving general Features of the Geology of Eastern and Western Canada as far as then ascertained.
MURRAY, A.—On the Geology of the District between Georgian Bay and the lower extremity of Lake Erie.
LOGAN, W. E.—Appendix—Section of the Coal Measures as developed at the Joggins, Nova Scotia, from the neighbourhood of West Ragged Reet to Minudie.
2. **Report of Progress for 1844.** Published in English and French, Montreal, 1846. 8vo. pp. English 110, French 120. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the Chat and Cascapedia Rivers, Gaspé and part of Chaleur Bay.
MURRAY, A.—On the Geology of the Bonaventure River.
LOGAN, W. E.—Appendix—Sections of Coal Measures, etc., on Chaleur Bay and Coast of Gaspé.
3. **Report of Progress for 1845-46.** Published in English and French, Montreal, 1847. 8vo. pp. English 125, French 137. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the Ottawa River and some of its Tributaries.
MURRAY, A.—On the Geology of the Matane, Ste. Anne, and St. John Rivers, Gaspé.
LOGAN, W. E.—Appendix—List of Mineral Springs on the Ottawa and its Tributaries.
HUNT, T. S.—Appendix—Analyses of Mineral waters and Iron and Lead Ores.
4. **Report of Progress for 1846-47.**—Published in English and French, Montreal 1847. 8vo. pp. English 66, French 70. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology and Economic Minerals of Lake Superior.
MURRAY, A.—On the Geology of the Kaministiquia and Michipicooten Rivers.
Appendix—Statistics of Copper-mining and Copper-smelting in Great Britain.
5. **Report of Progress for 1847-48.** Published in English and French, Montreal, 1849. 8vo. pp. English 165, French 171. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the Country on the South Side of the St. Lawrence extending from the vicinity of Montreal and Lake Champlain to the Chaudiere River.
MURRAY, A.—On the Geology of the North Shore of Lake Huron, French River and Manitoulin Island.
HUNT, T. S.—On the Examination of various Minerals, Mineral Localities and Mineral Waters, with Analyses.

6. **"Report of Progress for 1848-49.** Published in English and French, Toronto, 1850. 8vo. pp. English 65, French 70. Out of print.
Contains the following Reports :—
MURRAY, A.—On the Geology of the vicinity of Galt, Ontario, parts of the Coast of Lake Huron and Georgian Bay and Spanish River.
HUNT, T. S.—On Mineral Springs, Ores and Minerals, with Analyses.
7. **"Reports of Progress for 1849-50.** Published in English and French, Toronto, 1750.—8vo. pp. English 115, French 120. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the vicinity of Bay St. Paul and Murray Bay and of the Eastern Townships, from the Chaudiere River to the Temiscouata Portage Road.
HUNT, T. S.—On Soils, Mineral Springs, Mineral and Metallic Ores.
Appendix—Catalogue of some of the Economic Minerals and Deposits of Canada with their Localities.
8. **"Report of Progress for 1850-51.**—Published in English and French, Quebec, 1852. 8vo. pp. English 55, French 50. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Gold of the Chaudiere River and Vicinity.
MURRAY, A.—On the Geology of the Peninsula between Lakes Huron and Erie.
HUNT, T. S.—On various Minerals and Mineral Waters, with Analyses.
9. **"Report of Progress for 1851-52.**—Published in English and French, Quebec, 1852. 8vo. pp. English 121, French 129. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the Counties of Beauharnois and Lake of Two Mountains; on the Chaudiere Gold District and various Economic Materials and on the Collection sent to the Industrial Exhibition of 1851 (London), with a Catalogue of the Canadian Minerals shown at this Exhibition.
MURRAY, A.—On the Geology of the Region between the Ottawa, the St. Lawrence and the Rideau.
HUNT, T. S.—On various Minerals, Rocks, Soils and Mineral Waters, with Analyses.
10. **"Report of Progress for 1852-53.** Published in English and French, Quebec, 1854. 8vo. pp. English, 179, French 197. English edition out of print. French do price 50c.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the North Shore of the St. Lawrence, between Montreal and Cape Tourmente.
MURRAY, A.—On the Geology of the Region between Kingston and Lake Simcoe.
HUNT, T. S.—On Mineral Waters, various Minerals and Iron Ores, with Analyses.
NOTE.—An Index of the contents of the Reports from 1843 to 1853 (incl.), has been published.
11. **"Report of Progress for the years 1853-54-55-56.** Published in English and French, Toronto, 1857. 8vo. pp. English 494, French, 509. Out of print.
Contains the following Reports :—
LOGAN, W. E.—On the Geology of the Counties of Argenteuil and Two Mountains, and on the preparation of the Geological Map of Canada. With Map No. 12.
MURRAY, A.—Report for 1853. On the Geology and Topography of the Muskoka, Petawawa, Bonnechère and Madawaska Rivers. With Maps Nos. 30 to 38 (incl.)

MURRAY, A.—Report for 1854. On the Geology and Topography of the Magalloway River and Lake Nipissing and its tributaries. With Maps Nos. 24, 25, 26 and 29.

MURRAY, A.—Report for 1855. On the Geology and Topography of Lake Nipissing and French River and on the Fossiliferous Rocks of Western Ontario. With Maps Nos. 24, 25 and 26.

MURRAY, A.—Report for 1856. On the Geology and Topography of the Sturgeon, French and Wanapitei Rivers. With Maps Nos. 17 to 25 (incl.)

RICHARDSON, J.—On the Island of Anticosti, and the Mingan Islands. With Map No. 13.

BILLINGS, E.—On Fossils from Anticosti, and on New Fossils from the Silurian Rocks of Canada.

HUNT, T. S.—Report for 1853. On the Mineral Waters of Canada, Waters of the St. Lawrence and Ottawa Rivers, Rocks and Ores, with Analyses.

HUNT, T. S.—Report for 1854. On the Trilobitic Feldspars of the Laurentian, Silurian Rocks and Nickel Ores, with Analyses.

HUNT, T. S.—Report for 1855. On the Metallurgy of Iron, Extraction of Salts from Sea-water, Magnesian Mortars, Plumbago and Peat.

HUNT, T. S.—Report for 1856. On the Rocks of the Silurian and Laurentian Series and Igneous Rocks, with Analyses.

Accompanying Maps.

12. Map showing the distribution of Crystalline Limestones of the Laurentian Series in various townships between Grenville and Rawdon. Scale 3 miles to 1 inch.

Out of print.

13. *Map of the Island of Anticosti. Scale 9 miles to 1 inch.

Price 10c

14. *Index Map of the Plans (Nos. 17-27, incl.) showing the Explorations on the North Shore of Lake Huron and thence eastward to the Ottawa. Scale 10 miles to 1 inch.

Out of print.

15. *Index Map of the Plans (Nos. 28-38, incl.) showing the Explorations between the East Shore of Lake Huron and Ottawa. Scale 10 miles to 1 inch.

Out of print.

16. *Atlas accompanying Report of Progress, 1853-54-55-56. Contains Maps Nos. 17 to 38 (incl.) Toronto, 1857. Large 4to. and folio, half bound.

Out of print.

The Maps are on scale of 1 mile to 1 inch, and lithographed on sheets of twenty-two by thirty-three inches. The various sheets may be had separately. They are as follows:—

A.—Maps showing Explorations on the North Shore of Lake Huron and thence eastward to the Ottawa.

17. *Spanish River.

Price 10c.

18. *Spanish and Whitefish Rivers, and Lake Panache.

" "

19. *Mouth of the Whitefish River, and Coast of Lake Huron to Pointe des Grondines.

Price 10c.

20. *Wanapitei Lake and River, Maskinongé Lakes and River.

" "

21. *Wanapitei River.

" "

22. *Wanapitei River, and lower part of French River.

" "

23. *Sturgeon River.

" "

24. *Sturgeon River and western part of Lake Nipissing.

" "

25. *French River.

" "

26. Eastern part of Lake Nipissing, Namanitigong River, and part of Mattawa River.

Price, 10c.

27. *Mattawa River and part of Ottawa River.

" "

B.—Maps showing Explorations between the East shore of Lake Huron and the Ottawa River.

30. *Maganatawan River to Wawaskeesh Lake. Price, 10c.
 31. *Maganatawan River, from Wawaskeesh Lake to Source. " "
 32. *Muskoka River from Lake Huron to Mary Lake, and northern part of Muskoka Lake. Price, 10c.
 33. *Muskoka River, from Mary Lake to Canoe Lake. " "
 34. *Headwaters of Muskoka and Petawawa Rivers. " "
 35. *Petawawa River, Cedar and Trout Lakes. Price, 10c.
 36. *Petawawa River, " " " "
 C.—Maps of Bonnechère, Madawaska and York Rivers and Sources of the Otonabee.
 37. *Bonnechère River, from mouth to Golden Lake and part of Clear Lake. Price, 10c.
 38. *Bonnechère River from Golden to Round Lake, Little Madawaska River, Lake Kamanistiquia, and York River. Price, 10c.
 39. *York River to Papineau Lake and headwaters of Burnt River. " "
 40. *Drag Lake, Kashagawi Lake, Gull River and Balsam Lake. " "
 41. *Report of Progress for 1857. Published in English and French, Toronto, 1858. 8vo. pp. English 240, French 235. Out of print
 Contains the following reports :—
 LOGAN, W. E.—Summary Report of the Director.
 MURRAY, A.—On the coast at the mouth of French River, Georgian Bay; on Echo Lake and its environs, and on the Crystalline Limestone of Bruce Mines. With Map No. 42.
 RICHARDSON, J.—On part of the Gaspé Peninsula from Magdalen River to Gaspé Bay, and on Lake St. John. With folding sheet of Sections and Maps Nos. 43, 44 and 45.
 BELL, R.—On the Fauna of portions of the Lower St. Lawrence, the Saguenay and Lake St. John.
 42. *HALL, J.—Report on Canadian Graptolites. pp. 39. Out of print.
 BILLINGS, E.—On the Black River Limestone and the Limestone of Galt. Also Silurian and Devonian Fossils.
 43. *(Pages 163 to 193 were reprinted as a separate report under the title "Silurian and Devonian Fossils of Canada," pp. 31.) Price, 10c.
 HUNT, T. S.—On Dolomites, Limestones and Fish Manures, with analyses.
 ANHE, E. D.—On the Longitude of some of the principal places in Canada, as determined by Electric Telegraph in 1857.
Accompanying Maps
 44. *Map showing the distribution of the Huronian Limestone between Root River and Bruce Mines. Scale 4 miles to 1 inch. Price, 10c.
 45. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Scale 8 miles to 1 inch.
 46. Topographical Map of the Magdalen River, Gaspé. Scale 1 mile to 1 inch.
 47. Map showing the distribution of the Laurentian and Lower Silurian Rocks in the vicinity of Lake St. John. Scale 4½ miles to 1 inch.
 48. *Report of Progress for 1858. Published in English and French, Montreal, 1859. 8vo. pp. English 263, French 267. Price, 10c.
 Contains the following Reports :—
 LOGAN, W. E.—On the distribution of Laurentian Limestones, and of the Drift in the Grenville Region. Also on the Ramsay Lead Mine, Acton Copper Mine, and miscellaneous Economic Minerals. With Map No. 47.
 MURRAY, A.—On the country between the Thessalon River and Lake Huron, and between the Thessalon and the Mississagi. With folding Section and Map No. 48.
 RICHARDSON, J.—On a portion of the Gaspé Peninsula, including an Examination of the Coast from Marsonin River to Rivière du Loup. With Map No. 49.

HUNT, T. H.—On Intrusive Rocks and Minerals from Silurian Rocks, with analyses, and Contributions to the history of Magnesian Limestones.

The Report also contains the following appendices:—

Appendix I. Levels of the River Rouge and its tributaries.

" II. Localities of Copper Ores in the Lower Silurian Rocks of Lower Canada.

" III. Localities of Copper Ores in the Huronian Rocks, Mississagi River.

" IV. Catalogue of Animals and Plants collected and observed by W. B. M. D'Urban in the Counties of Argenteuil, Labelle and Wright.

" V. Catalogue of Animals and Plants collected and observed by R. Bell on the Southeast side of the St. Lawrence, from Quebec to Gaspé, and in the Counties of Rimouski, Gaspé and Bonaventure.

Accompanying Maps.

47. Map showing the distribution of Crystalline Limestones of the Laurentian Series in the Counties of Argenteuil, Labelle and Wright. Scale 3 miles to 1 inch.

48. Map showing the distribution of the Huronian Rocks between Rivers St. Mary and Mississagi. Scale 3 miles to 1 inch.

49. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Scale 6 miles to 1 inch.

NOTE.—Up to 1860 the Geological Reports were also printed as Appendices to the Journals of the Legislative Assembly, in English and French. The Appendices in which they are to be found are as follows:—

Session 1844-45	Appendix W.	Report of Progress, 1843.
" 1846	" G.G.G.	" " 1844.
" 1847	" C.	" " 1845-46 and 1846-47.
" 1849	" G.	" " 1847-48.
" 1850	" V.	" " 1848-49 and 1849-50.
" 1852-53	" O.	" " 1850-51 and 1851-52.
" 1854-55	" L.	" " 1852-53.
" 1857	" 52	" " 1853-54-55-56.
" 1858	" 32	" " 1857.
" 1860	" 24	" " 1858.

50. "Geology of Canada, 1862; Report of the Geological Survey from its commencement to 1863. Illustrated by 498 wood cuts in the text. Published in English and French, Montreal, 1863. Large 8vo. cloth and paper, pp. English 983, French 1043. This volume includes the more important facts published in the preceding Reports. Out of print.

51. "NOTE.—pp. 1 to 464 were published under the title "Geology of Canada, 1862" with a preface by Sir W. E. Logan, dated Montreal, March 20, 1862.

52. "An Atlas of Maps and Sections to accompany the Geology of Canada, 1863. Montreal, 1865. Large 8vo. cloth and paper, pp. 42. The introduction gives the sources of topographical information, a catalogue of the maps and charts made use of and the sources of geological information for the General Map of Canada; also an Appendix containing a short notice of the earlier Reports and other publications, and a table of magnetic declinations. Price, \$2.50.

This Atlas contains the following Maps and Sections:—

53. "Geological Map of Canada, including part of the United States. Scale 125 miles to 1 inch.

54. "Map showing the distribution of the Laurentian Rocks in parts of the Counties of Wright, Labelle, Terrebonne, Argenteuil and Two Mountains and portions of the adjacent Silurian Formations. Scale 7 miles to 1 inch. Price, 10c.

33. *Map showing the distribution of the Huronian Rocks between Rivers Hatchawanna and Missisquoi. Scale 4 miles to 1 inch. Price, 10c.
34. *Map showing the distribution of Rocks belonging to the Potsdam, Quebec and Trenton Groups, on the East side of Lake Champlain in the neighbourhood of the line between Canada East and Vermont. Scale 2 miles to 1 inch. Price, 10c.
- Five uncoloured Sections accompanying Map No. 36.
37. *Map showing the distribution of Limestone Conglomerates in the Quebec Group at Point Lévis. Scale 3 inches to 1 mile.
Section on the northeast line of the Fief Ste. Anne, Point Lévis. Scale 3 inches to 1 mile.
38. *Map showing the distribution of various Superficial Deposits between Lake Superior and Gaspé. Scale 125 miles to 1 inch. Price, 10c.
39. *Plate I—Section No. 1—Echo River, Canada West, to Saginaw Bay, Michigan, U. S. Scale 5 miles to 1 inch. Section No. 1a—Little White River to Mouth of Blind River, Canada West. Scale 5 miles to 1 inch. Price, 10c.
40. *Plate II—Section No. 2—Homerville, Canada West, to Nittany Valley, Pennsylvania, U. S. Scale 5 miles to 1 inch.
Section 3—Kardley, Canada East, to Oswego Co., New York, U. S. Scale 5 miles to 1 inch. Price, 10c.
41. *Plate III—Section No. 4—Buckingham, Canada East, to East Pierrepont, New York. Scale 5 miles to 1 inch.
Section No. 5—Chatham, Canada East, to Chateaugay, New York, U. S. Scale 5 miles to 1 inch.
Section No. 6—Petite Nation to St. Armand, Canada East. Scale 5 miles to 1 inch.
Section No. 7—Mille Isles to Shefford Mountain, Canada East. Scale 5 miles to 1 inch. Price, 10c.
42. *Plate IV—Section No. 8—Shawinigan to Tingwick, Canada East. Scale 5 miles to 1 inch.
Section No. 9—Bourg Louis to St. Etienne, Canada East. Scale 5 miles to 1 inch.
Section No. 10—Ste. Anne des Monts to Mouth of Cascapédia River, Canada East. Scale 5 miles to 1 inch.
Section No. 11—Mingan Islands to Cape l'Espoir, Chaleur Bay, Canada East. Scale 5 miles to 1 inch. Price, 10c.
43. *Report of Progress. 1863-66. Published in English and French, Ottawa, 1866. Large 8vo. pp. English 221, French 33. Price, 5c.
Contains the following Reports:—
LOGAN, W. E.—Summary Report of the Director.
RICHARDSON, J.—On the Geology of the Quebec Group in the Eastern Townships.
44. *LOGAN, W. E., MICHEL, A. and HUNT, T. S.—On the Gold Regions of Lower Canada. pp. 38. Out of print.
MACFARLANE, T.—On the Geology and Economic Minerals of a portion of the County of Hastings.
MACFARLANE, T.—On the Laurentian, Huronian and Upper Copper-bearing Rocks of Lake Superior.
Appendix—The Rocks and Cupriferous Beds of Portage Lake, Michigan.
BELL, R.—On the Geology of Manitoulin Island.
HUNT, T. S.—On the Geology and Mineralogy of the Laurentian Limestones; Geology of Petroleum and Salt; the Porosity of Rocks; and on Peat and its applications.
Appendix—List of Localities in which Ores of Copper have been met with in Rocks of the Quebec Group in Eastern Canada.

63. **"Geological Map of Canada and the Adjacent Regions, including parts of the other British Provinces, and of the United States.** By Sir W. E. Logan, F.R.S., etc. Published 1868. (Hand coloured.) Scale 25 miles to 1 inch. (3 sheets.)

Price, in sheets..... \$18.00

The Geology of Quebec and Ontario is derived from the results of the Canadian Geological Survey: that of the other Provinces from the labours of Dr. J. W. Dawson, Prof. Robb, Jukes and others; while that of the United States is compiled under the authority of Professor James Hall, from various sources mentioned in the Atlas accompanying the "Geology of Canada."

64. **"Summary Report of Progress in Geological Investigations.** Ottawa, 1869. Large 8vo. pp. 9. Price, 10c.
67. **"Summary Report of Geological Investigations.** Published in English and French, Ottawa, 1870. Large 8vo. pp. 14. Price, 10c.
68. **"Report of Progress from 1866 to 1869.** Published in English and French, Montreal, 1870. Large 8vo. pp. English 475, French 530. English edition out of print. French " Price \$1.00.

Contains the following Reports:—

- LOGAN, W. E.—On part of the Pictou Coal-field. With Map No. 82.
- HARTLEY, E.—On part of the Pictou Coal-field. With Map No. 82.
69. **"NOTE.**—The two above Reports and No. 75 were published under the title "Reports on a part of the Pictou Coal-field, with an Appendix on Coal and Iron Ores, and a Geological Map," (No. 82.) Montreal, 1870. Large 8vo. pp. 186. Price, 50c.
- BELL, R.—On the Geology of the Manitoulin Island Group. (Vide No. 77.)
- RICHARDSON, J.—On the Region South of the St. Lawrence, between the Chaudiere River and the Tenimicousta Road. With Map No. 80.
70. **"VENNOR, H. G.**—On the Geology of portions of Hastings, Peterborough, Addington and Frontenac Counties, Ontario. With Map No. 79. pp. 31. Price, 50c.
- ROBB, C.—On the Geology of a part of New Brunswick. With Map No. 81.
71. **"HUNT, T. S.**—On the Goderich Salt Region, pp. 26. Out of print.
72. **"HUNT, T. S.**—Notes on Iron and Iron Ores, pp. 24. Out of print.
73. **"RICHARDSON, J.**—On a Geological Exploration on the North Shore of the Lower St. Lawrence, pp. 7. Price, 50c.
74. **"BELL, R.**—On the Geology of the Northwest Coast of Lake Superior and of the Nipigon District. With Map No. 78. pp. 57. Price, 50c.
- NOTE.**—The separate report contains the Postscript by Sir W. E. Logan. Vide seq.
75. **"HARTLEY, E.**—On the Coals and Iron Ores of Pictou County, Nova Scotia; being an Appendix to Publication No. 69, pp. 78. (Vide No. 69.) Price, 25c.
76. **"HARTLEY, E.**—Notes on Coal from Springhill, Cumberland County, Nova Scotia, pp. 11. Price 15c.
77. **"BELL, J.**—Appendix—List of Plates of the Manitoulin Islands, Lake Huron, pp. 23. Out of print.
- LOGAN, W. E.—Postscript—Notes on the Report of R. Bell on the Nipigon Region.
- Accompanying Maps.**
78. Topographical Sketch Map showing the Thunder Bay and Lake Nipigon Regions (3 sheets.) Report No. 74. Scale 4 miles to 1 inch. Price, 20c.
79. **"Map showing the Distribution of the Rock Formations in parts of the Counties of Peterborough, Hastings, Addington and Frontenac, Ontario.** Report No. 70. Scale 4 miles to 1 inch. Price, 10c.

80. *Map showing the Distribution of Lower Silurian Rocks between the Chaudière and Trois Pistoles Rivers, South of the River St. Lawrence. Scale 8 miles to 1 inch. Price, 10c.
81. Sketch Map of the Counties of York, Carleton and part of Victoria, New Brunswick. Scale 8 miles to 1 inch. Price, 10c.
82. *Geological Map of the Pictou Coal-field, Nova Scotia. Report No. 69. Scale 1 mile to 1 inch. Price, 10c.
83. *Report of Progress for 1870-71. Published in English and French, Ottawa, 1872. Large 8vo. pp. English 351, French 353. Price, \$1.25.
Contains the following Reports:—
SELWYN, A. R. C.—Summary Report of the Director.
BAILEY, L. W. AND MATTHEW, G. F.—On the Geology of Southern New Brunswick.
ROBB, C.—Supplementary Report on the Geology of Northwestern New Brunswick.
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RICHARDSON, J.—On the Geology of the Country North of Lake St. John.
VENNOR, H. G.—Abstract of a Report on the Geology of parts of the Counties of Frontenac, Leeds and Lanark, Ontario.
BROOME, G.—On the Phosphate of Lime and Mica found in North and South Burgess, and North Elmsley, Ontario.
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84. *Report of Progress for 1871-72. Published in English, Montreal, 1872. Large 8vo. pp. 154. Price, \$1.00.
NOTE.—Published in French in Sessional Documents of the House of Commons for 1872. Vol. V., No. 7, Report No. 31, Ottawa, 1873, pp. 156.
Contains the following Reports:—
SELWYN, A. R. C.—Summary Report of the Director.
SELWYN, A. R. C.—Journal and Report of Preliminary Explorations in British Columbia.
RICHARDSON, J.—On the Coal-fields of the East Coast of Vancouver Island. With Appendices and Map No. 87.
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HUNT, T. S.—Appendix—Analysis of Coal and Crystalline Rocks from Vancouver Island.
BELL, R.—On the Country between Lake Superior and the Albany River.
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85. *VENNOR, H. G.—Progress Reports of Explorations and Surveys in the Counties of Leeds, Frontenac and Lanark, Ontario; with Notes on the Gold of Marmora. With Appendix and Map No. 88, pp. 24. Out of print.
HARRINGTON, B. J.—Appendix—Assays of Gold ore from the Townships of Marmora and Lavant.
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87. *ROBB, C.—Records of Mines and Mineral Statistics, pp. 9. Price, 10c.
Accompanying Maps.
87. Map showing the position of the Coal-fields of Nanaimo and Comox, Vancouver Island. Scale 10 miles to 1 inch.
88. Map of the Township of Marmora showing the position of the Gold Mines. Scale 1 mile to 1 inch.

- 80. *Report of Progress, 1872-73.** Published in English and French. Montreal 1873. Large 8vo. pp. English 300, French 364. Price, \$1.00
Contains the following Reports :—
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- HARRINGTON, B. J.—Appendix—Notes on Samples of Iron from the Acadia Mines, Nova Scotia.
- RICHARDSON, J.—On the Coal-fields of Vancouver and Queen Charlotte Islands. With Appendices I to IV and Map No. 90.
- DAWSON, J. W.—Appendix I—Note on the Fossil Plants from British Columbia, collected by J. Richardson in 1872.
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- VENNOR, H. G.—On Explorations and Surveys in the Counties of Addington, Frontenac, Leeds and Lanark. With Map No. 91.
- BAILEY, L. W. AND MATTHEW, G. F.—On the Carboniferous System of New Brunswick, in the Counties of Queens, Sunbury, and a portion of York. With Appendix.
- GESNER, A.—Appendix—Return of Borings of the Salmon River Coal Mines. From 3rd Report to the Legislature of New Brunswick.
- ELLS, R. W.—On Operations in boring for Coal with the Diamond drill, at Newcastle Bridge, Queens County, New Brunswick.
- ROBB, C.—On the Coal Mines of the Eastern or Sydney Coal-field of Cape Breton, Nova Scotia. With Appendix.
- RUTHERFORD, J.—Appendix—Remarks respecting the general management and regulation of the Coal Mines of Nova Scotia. (Extract from Report of Inspector of Mines of Nova Scotia for 1866.)
- HARRINGTON, B. J.—Notes on Samples of Brick Clay from Fort Garry, Analyses of Serpentine from Abitibi, and of a Green Mineral from Harvey, New Brunswick.
- Accompanying Maps.*
- 81.** *Map of a part of the Strait of Georgia and of Vancouver Island, showing a portion of the Comox Coal-field and the distribution of the Cretaceous Coal-bearing Rocks. Scale 2 miles to 1 inch. Out of print.
- 82.** *Plan of the Dalhousie Iron Mine, Lanark County, Ontario. Scale 1,000 feet to 1 inch. Out of print.
- 83.** *Profile on Line of Ore of Acadia Iron Mines. Scale 10 chains to 1 inch. Price, 10c.
- 84.** *Plan of the Acadia Iron Mines, Western Section. Scale 1,200 feet to 1 inch. Price, 10c.
- 85. *Report of Progress, 1873-74.** Published in English and French. Montreal, 1874. Large 8vo. pp. English 268, French 328. Price, \$1.00.
Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director. With Appendices I and II.

- SELWYN, A. R. C.—Appendix I—Correspondence *re* proposed Operations during ensuing summer.
- WAUD, W. B.—Appendix II—Report of Operations in Manitoba with the Diamond Drill.
- SELWYN, A. R. C.—Observations in Saskatchewan and Alberta on a Journey across the Plains, from Fort Garry to Rocky Mountain House, returning by the Saskatchewan River and Lake Winnipeg. With Appendix. See Map No. 98.
- HARRINGTON, B. J.—Appendix—Memorandum on Western Coals and Iron Ores.
- BELL, R.—On the Country between Red River and the South Saskatchewan, with Notes on the Geology of the Region between Lake Superior and Red River. With Appendix.
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95. *RICHARDSON, J.—On Geological Explorations in British Columbia, pp. 13. Price, 10c.
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- BARLOW, S.—On the Exploration and Survey of the Springhill Coal-field, Cumberland County, Nova Scotia. With Map No. 100.
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96. *HARRINGTON, B. J.—Notes on the Iron Ores of Canada and their Development, pp. 70. Price, 25c.
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- Contains the following Reports :—
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108. *Report of Progress for 1875-76. Published in English and French, Montreal, 1877. Large 8vo. pp. English 432, French 478. Price, \$1.50. Contains the following Reports:—
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- WHITEAVES, J. F.—Appendix II—Notes on Fossils collected during the Expedition.
- LE CONTE, J. L.—Appendix III—List of Coleoptera collected during the Expedition.
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Accompanying Maps.

111. *Sketch Survey of Route from Quesnelmouth by Stewart and McLeod Lakes to the Junction of Smoky River and Peace River. (2 sheets.) Scale 6 miles to 1 inch. Out of print.
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- ✓ BELL, R.—Report on Geological Researches North of Lake Huron and East of Lake Superior. See Map No. 159.
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- MATTHEW, G. F.—Report on the Slate Formations of the Northern part of Charlotte County, New Brunswick, with a Summary of Geological Observations in the Southeastern Portion of the same County.
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- Appendix I.—Composition of Albertite, as compared with Coal and Asphalt.
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120. *Map of a portion of British Columbia between the Fraser River and the Coast Range. Scale 8 miles to 1 inch. Price, 10c.

121. *Map of a portion of British Columbia, showing the Coal-fields of Comox, Nanaimo and Cowichin, on Vancouver and adjacent Islands, and the Distribution of the Cretaceous Coal-bearing Rocks; also the Tertiary Rocks of Sooke and Burrard Inlets. Scale 4 miles to 1 inch. Price, 10c.
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124. *Grand Narrows Sheet—part of Cape Breton County, Cape Breton. Scale 1 mile to 1 inch. Out of print.
125. *Report of Progress, 1877-78. Published in English and French, Montreal, 1879. Large 8vo. pp. English 476, French 556. Price, \$1.00.
Contains the following Reports:—
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- (A) SELWYN, A. R. C.—Report of Observations on the Stratigraphy of the Quebec Group and the older Crystalline Rocks of Canada.
- (B) DAWSON, G. M.—Preliminary Report on the Physical and Geological Features of the Southern portion of the Interior of British Columbia. With Appendices A and B, and Map No. 127.
- SCUDDER, S. H.—Appendix A—The Fossil Insects collected by G. M. Dawson, in 1877, in the Interior of British Columbia.
- DAWSON, J. W.—Appendix B—List of Tertiary Plants from Localities in the Southern portion of British Columbia, with the Description of a New Species of Equisetum.
- (C) BELL, R.—Report on an Exploration of the East Coast of . . . With Map No. 128.
- (CC) BELL, R.—Report on the Country between Lake Winnipeg and Hudson Bay. With Maps Nos. 129 and 130.
- (D) ELLS, R. W.—Report on the Pre-Silurian Rocks of Albert, Eastern Kings and St. John Counties, Southern New Brunswick. See Maps Nos. 144 and 145.
- (DD) BAILEY, L. W.—Report on the Pre-Silurian (Huronian) and Cambrian or Primordial Silurian Rocks of Southern New Brunswick. See Map No. 144.
- (E) MATTHEW, G. F.—Report on the Upper Silurian and Kingston (Huronian) of Southern New Brunswick. See Map No. 144.
- (EE) MATTHEW, G. F.—Report on the Superficial Geology of Southern New Brunswick.
- (F) FLETCHER, H.—Report of Explorations and Surveys in Cape Breton, Nova Scotia. With Map No. 131.
- (G) HARRINGTON, B. J.—Report on the Minerals of some of the Apatite-bearing Veins of Labelle and Wright Counties, Quebec, with Notes on Miscellaneous Rocks and Minerals.
126. *(H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada. On Canadian Apatite, pp. 14. Out of print.
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127. *Map of a portion of the Southern Interior of British Columbia. Part B. Scale 8 miles to 1 inch. Price, 10c.
128. *Map of part of the East Coast of Hudson Bay. Part C. Scale 4 miles to 1 inch. Price, 10c.
129. *Map of Lake Winnipeg. Part CC. Scale 8 miles to 1 inch. Price, 10c.
130. *Map of Nelson River and the Boat Route between Lake Winnipeg and Hudson Bay. Part CC. Scale 8 miles to 1 inch. Also includes a Plan of the Mouth of Hayes River and vicinity of York Factory. Scale 1 mile to 1 inch. Price, 10c.

131. *Louisbourg Sheet—parts of Richmond, Cape Breton and Victoria Counties, Cape Breton. Part F. Scale 1 mile to 1 inch. Out of print.
NOTE.—The above maps are in portfolios accompanying Report.
132. *Report of Progress for 1878-79. Published in English and French, Montreal, 1880. Large 8vo. pp. English 376, French 444. Price, \$1.00.
Contains the following Reports:—
SELWYN, A. R. C.—Summary Report of the Director.
133. *(B) DAWSON, G. M.—Report on the Queen Charlotte Islands. With Appendices A to G, Plan of Cowgitz Coal Mine and Maps Nos. 139, 140 and 141. Price, 50c.
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134. *WHITEAVER, J. F.—Appendix C—On some Marine Invertebrata from the Queen Charlotte Islands, pp. 16. Out of print.
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136. *(C) BELL, R.—Report on Explorations of the Churchill and Nelson Rivers, and around Gods and Island Lakes; with Notes on the Northern Limits of Forest Trees. With Appendices I to VII, and Map No. 142. Price, 30c.
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WHITEAVER, J. F.—Appendix III—List of Freshwater Mollusca from Manitoba and the Valley of the Nelson River.
GEFFCKEN, .—Appendix IV—List of Lepidoptera from the Nelson and Churchill Rivers and the West Coast of Hudson Bay.
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- ✓ BELL, R.—Appendix VI—List of Birds from the Region between Norway House and Forts Churchill and York.
BELL, R.—Appendix VII—Variation of the Compass in the Territory explored.
137. *(D) BAILEY, L. W., MATTHEW, G. F. AND ELLS, R. W.—Report on the Geology of Southern New Brunswick, embracing the Counties of Charlotte, Sunbury, Queens, Kings, St. John and Albert. With Maps Nos. 143, 144, 145 and sheet of Sections No. 146. Price, 30c.
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142. *Map of Island and Gods Lakes, and the connecting waters to Oxford Lake. Part C. Scale 4 miles to 1 inch. Price, 10c.
143. *Sheet 1, S. W. (St. Stephen Sheet), Charlotte County, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.

144. *Sheet 1, S. E. (St. John Sheet), parts of St. John and Kings Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
145. *Sheet 1, N. E. (Grand Lake Sheet), parts of Sunbury, Queens, Kings, Albert and Westmorland Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
146. *Sheet of Sections (coloured) to accompany Maps Nos. 143, 144 and 145. Part D. Scale 4 miles to 1 inch. Price, 10c.
NOTE.—Maps Nos. 143, 144 and 145 and Sheet of Sections No. 146 are in portfolio accompanying Report.
147. *Report of Progress for 1879-80. Published in English and French, Montreal, 1881. Large 8vo. pp. English 562, French 632. Price \$1.00.
Contains the following Reports:—
- SELWYN, A. R. C.—Summary Report of the Director for the year 1880
- (A) SELWYN, A. R. C.—Report on Boring Operations in the Souris River Valley. With Appendices I and II.
- DAWSON, G. M.—Appendix I—On the Lignite Tertiary Formation from the Souris River to 108th Meridian.
- DAWSON, J. W.—Appendix II—Note on Fossil Plants collected by A. R. C. Selwyn in the Lignite Tertiary Formation of Roche Perceé, Souris River.
- (B) DAWSON, G. M.—Report on an Exploration from Port Simpson, on the Pacific Coast, to Edmonton, on the Saskatchewan, embracing a Portion of the Northern part of British Columbia and the Peace River Country. With Appendices I to III and Maps Nos. 150, 151 and 152.
- MACOUN, J.—Appendix I—List of Plants collected in the Northern Part of British Columbia and the Peace River Country, 1879.
- DAWSON, G. M.—Appendix II—Meteorological Observations in the Northern part of British Columbia, the Peace River District, and from Edmonton to Manitoba, 1879.
- DAWSON, G. M.—Appendix III—Note on the Latitudes and Longitudes used in preparing the Map of the Region from the Pacific Coast to Edmonton.
- DAWSON, G. M.—Note on the Distribution of some of the more important Trees of British Columbia. (First printed in the Canadian Naturalist, Vol. IX, No. 9). With Map No. 149.
- ✓ (C) BELL, R.—Report on Hudson Bay and some of the Lakes and Rivers lying to the West of it. With Appendices I to XI.
- ✓ *BELL, R.—The Northern Limits of the principal Forest Trees of Canada, East of the Rocky Mountains. With Map No. 153, pp. 21. Price, 15c.
- WHITEAVER, J. F.—Appendix I—List of Fossils collected by R. Bell in Manitoba in 1880.
- MACOUN, J.—Appendix II—Tabulated List of Plants collected in the District.
- LE CONTE, J. L.—Appendix III—List of Coleoptera collected in 1880 in Manitoba, and between Lake Winnipeg and Hudson Bay.
- WHITEAVER, J. F.—Appendix IV—List of the Land, Freshwater and Marine Mollusca collected.
- DETTMAR, W.—Appendix V—Analyses of the Waters of Hayes and Nelson Rivers.
- WOOD, W.—Appendix VI—Seasonal or Periodic Events, York Factory.
- WOOD, W.—Appendix VII—Tables showing Dates of the Opening and Closing of Hayes River, at York Factory.
- FORTESCUE, —Appendix VIII—Dates of the Arrivals of the Hudson's Bay Company's Vessels at York Factory, and of their Sailings for 92 years from 1789 to 1880.
- NASON, J. R.—Appendix IX—Seasonal or Periodic Events, Moose Factory.

- ARMIT, W.—Appendix X—Dates of the Arrivals of the Hudson's Bay Company's Vessels at Moose Factory, and of their Sailings for 146 years from 1735 to 1880.
- WOOD, W. AND NASON — Appendix XI—Statistics of the Weather from Observations at Fort St. James and Moose Factories.
- (D) ELLS, R. W.—Report on the Geology of the Northern New Brunswick, embracing Portions of the Counties of Richmond, Inverness, Guysborough and Antigonish, Nova Scotia, from Chedabucto and St. Peter's Bays to Judique and Denys Basin. See Maps Nos. 200 to 207.
- (G) RICHARDSON, J.—Report of a Geological Exploration of the Magdalen Islands. With Appendix.
- MACOEN, J.—Appendix—List and Notes of Plants collected by J. Richardson on the Magdalen Islands.
148. (H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 21. Out of print.
- Accompanying Maps.*
149. *Map illustrating the Distribution of some of the more important Trees in British Columbia. Part B. Scale 50 miles to 1 inch. Price, 10c.
Map of part of British Columbia and the North-west Territory, from the Pacific Ocean to Fort Edmonton (Sheets I, II and III.) Part B. Scale 8 miles to 1 inch.
150. *Sheet I.—Fort Simpson to Fort St. James. Out of print.
151. * " II.—Fort St. James to Dunvegan. " "
152. * " III.—Dunvegan to Edmonton. " "
- NOTE.—Maps Nos. 150, 151 and 152 are in portfolio accompanying Report.
153. *Map showing the General Northern Limits of the Principal Forest Trees of the Dominion of Canada, East of the Rocky Mountains. Part C. Scale 80 miles to 1 inch. Price, 10c.
154. *Report of Progress for 1880-81-82. Published in English and French, Montreal, 1883. Large 8vo. pp. English 222, French 246. Price, \$1.00.
Contains the following Reports:—
- SELWYN, A. R. C.—Summary Reports of the Director for 1881 and 1882.
- SELWYN, A. R. C.—Geological Nomenclature and the Colouring and Notation of Geological Maps. With Index to Colours and Signs, No. 157.†
- (A) SELWYN, A. R. C.—Notes on the Geology of the Southeastern Portion of the Province of Quebec.
155. *ADAMS, F. D.—Appendix—Notes on the Microscopic Structure of some Rocks of the Quebec Group, pp. 16. Out of print.
- (B)*DAWSON, G. M.—Preliminary Report on the Geology of the Bow and Belly Rivers Region, North-west Territory, with special reference to the Coal Deposits. With Map No. 158. See No. 408.
- (C.I.) BELL, R.—Report on the Geology of the Basin of Moose River and adjacent Country. With Maps Nos. 159 and 160.
- (C.II.) BELL, R.—Report on the Geology of the Lake of the Woods and adjacent Country. With Appendices I and II and Map No. 161.
- MACOEN, J.—Appendix I—Catalogue of the Plants collected along the Michipicoten River and in the Southern part of the Basin of Moose River.
- LE CONTE, J. L.—Appendix II—Lists of Coleoptera collected in 1881 by R. Bell and others in the Lake Superior District and in the North-west Territories.

†This is a reprint, with slight textual differences, of a communication printed by the author for presentation to the International Geological Congress, Bologna, August, 1881, pp. 5.

- (D) ELLS, R. W.—Report on Northern and Eastern New Brunswick and the north side of Chaleur Bay. With Maps Nos. 162 to 166 (incl.) See also Map No. 175.
 (DD) ELLS, R. W.—Report on the Geology of the Gaspé Peninsula. With Maps Nos. 164 and 165. See also Maps Nos. 175, 181, 182 and 183.
 (GG) WILLIMOTT, C. W.—Notes on some of the Mines in the Province of Quebec.
 136. (H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 16. Price, 10c.

Accompanying Maps.

137. *Index to the Colours and Signs employed in the Maps and Sections of the Geological Survey of Canada. Price, 10c.
 138. *Index Map of Coal and Lignite Outcrops in the Bow and Belly Rivers District. (Southern Alberta.) Part B. Scale 10 miles to 1 inch. Price, 10c.
 139. *Map showing approximately the Geology of the Basin of Moose River and adjacent Country. To illustrate Reports for 1875-76, 1876-77 and 1880-81-82. Part C. I. Scale 8 miles to 1 inch. Out of print.
 140. *Plan of Moose River from the Neighbourhood of Moose Factory to James Bay. Part C. I. Scale 2 miles to 1 inch. Price, 10c.
 141. *Map of the Lake of the Woods and adjacent Country. Part C. II. Scale 4 miles to 1 inch. Price, 10c.
 142. *Sheet 2 N. E. (Newcastle Sheet), parts of Northumberland and Gloucester Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
 143. *Sheet 2 S. E. (Richibucto Sheet), parts of Kent, Northumberland and Sunbury Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
 144. *Sheet 3 S. W. (Dalhousie Sheet), parts of Restigouche County, New Brunswick, and Bonaventure County, Quebec. Parts D and DD. Scale 4 miles to 1 inch. Price, 10c.
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 146. *Sheet 6 S. W. (Shippigan Sheet), part of Gloucester County, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
 NOTE.—Maps Nos. 159 and 161 to 166 (incl.) are in portfolio accompanying Report.

147. *Report of Progress for 1882-83-84. Published in English and French, Montreal, 1885. Large 8vo. pp. English 750, French 831. Price, \$1.00.
 Contains the following Reports :—

- SELWYN, A. R. C.—Summary Report of the Director for 1883.
 (B) BAUERMAN, H.—Report on the Geology of the Country near the Forty-ninth Parallel of North Latitude, West of the Rocky Mountains, from Observations made in 1859-61. With Plate of Sections No. 170.
 (C) DAWSON, G. M.—Report on the Region in the Vicinity of the Bow and Belly Rivers, Alberta. With Appendices I to III and Maps Nos. 171 and 172.
 DAWSON, G. M.—Appendix I—List of Elevations.
 NELSON, J. C.—Appendix II—Blackfoot Names of a Number of Places in the North-west Territories, for the most part in the Vicinity of the Rocky Mountains.
 HOFFMANN, G. C.—Appendix III—Analyses of Ironstones occurring in the District.
 (CC) BELL, R.—Report on part of the Basin of Athabaska River, Alberta. With Appendix and Map No. 173.
 LYMAN, H. H.—Appendix—List of Lepidoptera collected in Alberta in 1882.
 (D) LAFLAMME, J. C. K.—Report of Geological Observations in the Saguenay Region.

- (DD) BELL, R.—Observations on the Labrador Coast, and on Hudson Strait and Bay. With Appendices I to V.
MACDON, J.—Appendix I—List of Plants collected on the Coasts of Labrador, Hudson Strait and Bay by R. Bell in 1884.
- ✓ BELL, R.—Appendix II—List and Notes of the Mammals of the Vicinity of Hudson Bay and Labrador.
- ✓ BELL, R.—Appendix III—List and Notes of the Birds of the Vicinity of Hudson Bay and Labrador.
- SMITH, S. J.—Appendix IV—List of Crustacea collected by R. Bell at Port Burwell.
- WHITRAVES, J. F.—Appendix IV—List of Marine Invertebrates from Hudson Strait, collected by R. Bell in 1884.
- LYMAN, H. H.—Appendix V—List of Lepidoptera from Hudson Strait, collected by R. Bell in 1884.
- SMITH, J. B.—Appendix V—List of Coleoptera collected by J. R. Spencer at Fort Churchill.
- (E) ELLIS, R. W.—Report on Explorations and Surveys in the Interior of Gaspé Peninsula and in Prince Edward Island.
See Maps Nos. 175 to 183 (incl.)
- (F) LOW, A. P.—Report on Explorations and Surveys in the Interior of Gaspé Peninsula. With Panoramic View No. 208.
See Maps Nos. 175, 182 and 183.
- (G) BAILEY, L. W.—Report of Explorations and Surveys in Portions of York and Carleton Counties, N.B. See Map No. 174.
- (GG) CHALMERS, R.—Report on the Surface Geology of Western New Brunswick, with special Reference to the Area included in York and Carleton Counties
- (H) FLETCHER, H.—Report on the Geology of the Portion of Cape Breton north of Judique and Denys Basin. See Maps Nos. 184 to 199.
- (J) TORRANCE, J. F.—Report on Apatite Deposits, Labelle and Wright Counties, Quebec.
- (K) COSTE, E.—Report on the Gold Mines of the Lake of the Woods.
- (L) WILLIMOTT, C. W.—Report of Observations in 1883 on some Mines and Minerals in Ontario, Quebec and Nova Scotia.
168. (M) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada. Analyses of Coals and Lignites of the North-west Territory, pp. 44.
Price, 20c.
169. (MM) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 19.
Price, 10c.
Accompanying Maps.
170. *Sketch Sections near the Forty-ninth Parallel from the Gulf of Georgia to Waterton Lake. Part B.
Price, 10c.
171. *Geological Map of the Region in the Vicinity of the Bow and Belly Rivers. (Southern Alberta.) Part C. Scale 8 miles to 1 inch.
Price, 10c.
172. *Map showing Wooded and Prairie Tracts, etc., in the Region in the Vicinity of the Bow and Belly Rivers (Southern Alberta). Part C. Scale 8 miles to 1 inch.
Price, 10c.
173. *Map of part of the Athabaska River. Part CC. Scale 8 miles to 1 inch.
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206. *Panoramic View of Notre Dame or Shickshock Mountains, Gaspé. Part F.
Price, 10c.
- NOTE.—Maps Nos. 171, 172, 173 and 208 are in portfolio accompanying Report.
209. *Summary Report of the Director to 31st December, 1883, being Part III, Annual Report of the Department of the Interior, 1885. Large 8vo. pp. 32.
Price, 10c.

210. *Annual Report (New Series), Vol. I, 1883.* Published in English and French, Montreal, 1883. Large 8vo. pp. English 798, French 828. Price, \$1.50.
Contains the following Reports. Each Report is also published separately:—
211. *(A) SELWYN, A. R. C.—Summary Report of the Director for the years 1884 and 1885. pp. 108. Price, 10c.
212. *(B) DAWSON, G. M.—Preliminary Report on the Physical and Geological Features of that Portion of the Rocky Mountains, between Latitudes 49° and 51° 30'. With Maps Nos. 223 and 224, pp. 169. Price, 25c.
213. *(C) McCONNELL, R. G.—On the Cypress Hills, Wood Mountain and adjacent Country. With Appendix and Maps Nos. 225 and 226, pp. 85. Price, 25c.
214. *CORB, E. D.—Appendix I—The Vertebrata of the Swift Current Creek Region of the Cypress Hills. Price, 10c.
215. *(CC) LAWSON, A. C.—On the Geology of the Lake of the Woods Region, with special Reference to the Keewatin (Huronian?) Belt of the Archæan Rocks. With Map No. 227, pp. 151. Price, 25c.
216. *(D) LOW, A. P.—Report of the Mistassini Expedition, 1884-85. With Appendices I to III and Map No. 228, pp. 55. Price, 10c.
MACOUN, J. M.—Appendix I—List of Birds collected at Lake Mistassini, 1885.
MACOUN, J. M.—Appendix II—List of Plants collected at Lake Mistassini, Rupert River and Rupert House, 1885.
LOW, A. P.—Appendix III—Meteorological Observations taken on the Route from Betsiamites to Lake Mistassini and at the Hudson's Bay Post, Mistassini.
217. *(DD) BELL, R.—Observations on the Geology, Zoology and Botany of Hudson Strait and Bay. With Appendices I and II and Map No. 229, pp. 27. Price, 15c.
MACOUN, J.—Appendix I—List of Plants collected in Newfoundland, Labrador and Hudson Strait.
LYMAN, H. H. AND HORN, G. H.—Appendix II—Partial List of Insects collected in 1885.
218. *(E) ELLA, R. W.—On the Geological Formations of Eastern Albert and Westmorland Counties, New Brunswick, and of Portions of Cumberland and Colchester Counties, Nova Scotia. With Map No. 230, pp. 71. Price, 20c.
219. *(G) BAILEY, L. W.—On Explorations and Surveys in Portions of the Counties of Carleton, Victoria, York and Northumberland, New Brunswick. With Map No. 231, pp. 30. Price, 20c.
220. *(GG) CHALMERS, R.—Preliminary Report on the Surface Geology of New Brunswick, pp. 58. Price, 20c.
221. *(K) COSTE, E.—Observations on Mining Laws and Mining in Canada, with Suggestions for the better Development of the Mineral Resources of the Dominion, pp. 15. Price, 10c.
222. *(M) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 29. Price, 10c.
Accompanying Maps.
223. *Reconnaissance Map of a Portion of the Rocky Mountains between Latitudes 49° N. and 51° 30' N. Part B. Scale 6 miles to 1 inch. Out of print.
224. *Map of part of the Cascade Coal Basin, Rocky Mountains. Part B. Scale 1½ miles to 1 inch. Price, 10c.
225. *Geological and Topographical Map of the Cypress Hills, Wood Mountain and adjacent Country. Part C. Scale 8 miles to 1 inch. Price, 10c.
226. *Map showing Wooded Tracts and Character of Surface of the Cypress Hills, Wood Mountain and adjacent Country. Part C. Scale 8 miles to 1 inch. Price, 10c.

227. *Western Ontario—Sheet 1—(Northern part of the Lake of the Woods), part of Rainy River District. Part CC. Scale 3 miles to 1 inch. (Edition of April, 1897). Price, 10c.
228. *Map of Lake Mistassini, with Geological Boundaries. Part D. Scale 8 miles to 1 inch. Price, 10c.
229. *Chart of the Ottawa Islands, Hudson Bay. Part DD. Scale 4 nautical miles to 1 inch. Price, 10c.
230. *Sheet 4 N. W. (Cumberland Coal-field Sheet), parts of Westmorland and Albert Counties, New Brunswick, and Cumberland County, Nova Scotia. Part E. Scale 4 miles to 1 inch. Price, 10c.
231. *Sheet 2 S. W. (Andover Sheet), parts of York, Carleton and Victoria Counties, New Brunswick. Part G. Scale 4 miles to 1 inch. Price, 10c.
NOTE. Maps 223, 225 to 228, 230 and 231 are in portfolios accompanying Report.
232. *Summary Report of the Director to 31st December, 1896, being Part III, Annual Report of the Department of the Interior 1896. Large 8vo. pp. 42. Price, 10c.
233. *Annual Report (New Series), Vol. II, 1896. Published in English and French, Montreal, 1897. Large 8vo. pp. English 975, French 1019. Price, \$2.00.
- Contains the following Reports. Each Report is also published separately:—
234. *(A) SELWIN, A. R. C.—Summary Report of the Director for the year 1896, pp. 87. Price, 10c.
235. *(B) DAWSON, G. M.—Report on a Geological Examination of the Northern part of Vancouver Island and adjacent Coasts. With Appendices I to III and Map No. 247, pp. 129. Price, 30c.
WHITEAVER, J. F.—Appendix I—Notes on some Mesozoic Fossils from the Coast of British Columbia.
MACCOUN, J.—Appendix II—List of Plants from Vancouver Island and adjacent Coasts.
DAWSON, G. M.—Appendix III—Meteorological Observations, 1895.
236. *(D) MCCONNELL, R. G.—On the Geological Structure of a Portion of the Rocky Mountains. With Section No. 248, pp. 41. Price, 20c.
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WHITEAVER, J. F.—Appendix I—On some Fossils from the Cretaceous and Laramie Rocks of the Saskatchewan and its Tributaries.
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TYRRELL, J. B.—Appendix III—List of Elevations in the District.
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238. *(F) LOW, A. P.—Preliminary Report on an Exploration of Country between Lake Winnipeg and Hudson Bay. With Appendix, pp. 24. Price, 10c.
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239. *(G) BELL, R.—On an Exploration of Portions of the Attawapiskat and Albany Rivers. With Appendix, pp. 38. Price, 15c.
LYMAN, H. H. AND HULST, G. D.—Appendix—List of Lepidoptera collected in the southern part of Keewatin.
240. *(J) ELLIS, R. W.—On the Geology of a Portion of the Eastern Townships, relating more especially to the Counties of Compton, Stanstead, Beauce, Richmond and Wolfe. With Map No. 251, pp. 70. Price, 25c.
241. *(M) CHALMERS, R.—On the Surface Geology of Northern New Brunswick and Southeastern Quebec. With Maps Nos. 252 and 253, pp. 37. Price, 25c.

242. * (N) BAILEY, L. W. AND MCINNIS, W.—On Explorations in Portions of the Counties of Victoria, Northumberland and Restigouche, New Brunswick. With Map No. 254, pp. 10. Price, 10c.
243. * (P) FLETCHER, H. AND FARIBAUT, E. R.—On Geological Surveys and Explorations in the Counties of Guysborough, Antigonish, Pictou, Colchester and Halifax, Nova Scotia, pp. 163. See Maps 270 to 280, 550 and 551. Price, 25c.
244. * (R) DAWSON, G. M.—Notes to accompany a Geological Map of the Northern portion of the Dominion of Canada, East of the Rocky Mountains. With Map No. 255, pp. 62. Price, 20c.
245. * (S) COMTE, E.—Mines Section. Annual Report for 1886, pp. 85. Price, 10c.
246. * (T) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 43. Price, 10c.
- Accompanying Maps.*
247. * Map of the Northern part of Vancouver Island and the adjacent Coasts. Scale 8 miles to 1 inch. With Plans of the Koskimo Coal-area, Laskuetti Island and Nimphish Lake. Part B. Scale 2 nautical miles to 1 inch. Price, 10c.
248. Geological Section across the Rocky Mountains, in the Vicinity of the Canadian Pacific Railway. Part D. Vertical and horizontal scales 2 miles to 1 inch.
249. * Geological Map of part of Central Alberta, and Portions of Saskatchewan. Part E. Scale 8 miles to 1 inch. Price, 10c.
250. * Map showing Wooded and Prairie Tracts in part of Central Alberta, and Portions of Saskatchewan. Part E. Scale 8 miles to 1 inch. Price, 10c.
251. * Southeast Quarter-sheet of the "Eastern Townships" Map (Sherbrooke Sheet); embracing the Counties of Wolfe and Compton and Portions of Beauce, Stanstead, Sherbrooke, Richmond and Arthabaska. Part J. Scale 4 miles to 1 inch. Price, 10c.
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253. * Sheet 3, S. E.—Surface Geology.—(Bathurst Sheet), parts of Restigouche and Gloucester Counties, New Brunswick, and Bonaventure County, Quebec. Part M. Scale 4 miles to 1 inch. Price, 10c.
254. * Sheet 2, N. W. (Grand Falls Sheet), parts of Victoria, Northumberland and Restigouche Counties, New Brunswick. Part N. Scale 4 miles to 1 inch. Price, 10c.
255. * Map of the Northern Portion of the Dominion of Canada, East of the Rocky Mountains. Part R. Scale 200 miles to 1 inch. Price, 10c.
- NOTE.—Maps Nos. 247 and 249 to 254 (incl.) are in portfolio accompanying Report.
256. * Summary Report of the Director to 31st December, 1887, being Part III, Annual Report of the Department of the Interior, 1887. Large 8vo. pp. 40. Price, 10c.
257. * Summary Report of the Director to 31st December, 1888, being Part III, Annual Report of the Department of the Interior, 1888. Large 8vo. pp. 41. Out of print.
258. Annual Report (New Series), Vol. III. 1887-88. Published in English and French, Montreal 1888. 2 vols., large 8vo. pp. English 1402, French 1501. Price, \$2.00.
- Contains the following Reports. Each Report is also published separately:—
259. * (A) SELWYN, A. R. C.—Summary Reports of the Director for the years 1887 and 1888, pp. 117. Price, 10c.

- 260.** ***(B)** DAWSON, G. M.—Report of an Exploration in the Yukon Territory and adjacent Northern Portion of British Columbia. With Appendices I to VII and Maps 274 to 277 (incl.), pp. 277. See No. 629. Price 30c.
 DAWSON, G. M.—Appendix I—Notes on the Distribution of Trees and of certain Shrubs in the Yukon Territory and adjacent Northern Portion of British Columbia.
- 261.** *DAWSON, G. M.—Appendix II—Notes on the Indian Tribes of the same District, pp. 23. Out of print.
 MACOUN, J.—Appendix III—List of Plants collected by G. M. Dawson in the same District in 1887.
 FLETCHER, J.—Appendix IV—List of Diurnal Lepidoptera from the same District and from the Mackenzie River.
 BEAN, T. H.—Appendix IV—Fishes from the same District.
 MERRIAM, C. H.—Appendix IV—Description of a New Red-backed Mouse from the Liard River.
- 262.** *ADAMS, F. D.—Appendix V—Notes on the Lithological Character of some of the Rocks collected in the same District. pp. 6. Out of print.
 DAWSON, G. M.—Appendix VI—Meteorological Observations in the same District.
 DAWSON, G. M.—Appendix VII—Summary of Astronomical Observations employed in the Construction of Maps Nos. 274 to 277.
- 263.** ***(C)** BOWMAN, A.—Report on the Geology of the Mining District of Cariboo, British Columbia. With folding Section, and Maps Nos. 278 to 281 (incl.), pp. 49. See Maps Nos. 364 to 372. Price, 25c.
- 264.** ***(E)** TYRRELL, J. B.—Notes to accompany a Preliminary Map of the Duck and Riding Mountains in Northwestern Manitoba. With Map No. 282, pp. 16. Price, 10c.
- 265.** ***(F)** LAWSON, A. C.—Report on the Geology of the Rainy Lake Region. With Map No. 283 and Sect. No. 284, pp. 182. See Map No. 373. Price, 25c.
- 266.** ***(H)** INGALL, E. D.—Report on Mines and Mining on Lake Superior. Part I. *a.* History and General Conditions of the Region. *b.* Silver Mining. With Appendices I and II, Supplementary Report, 9 Plans of Mines and Maps Nos. 285 and 286, pp. 131. Price, 25c.
 BAYLEY, W. S.—Appendix I—Notes of Microscopical Examinations of Rocks from the Thunder Bay Silver District.
 INGALL, E. D.—Appendix II—Literature.
 INGALL, E. D.—Supplementary Report of Progress of Development to June, 1889.
- 267.** ***(J)** LOW, A. P.—Report on Explorations in James Bay and Country East of Hudson Bay, drained by the Big, Great Whale and Clearwater Rivers. With Appendices I to IV, pp. 94. See Maps Nos. 585 and 587. Price, 25c.
 MACOUN, J. M.—Appendix I—List of Plants collected on the Rupert and Moose Rivers and Shores and Islands of James Bay.
 FLETCHER, J.—Appendix II—List of diurnal Lepidoptera collected by J. S. Cotter and J. M. Macoun in the same District.
 SPENCER, M.—Appendix III—Notes on the Breeding Habits of certain Mammals.
 CUNNINGHAM, A. R. and MACNUTT, C. H.—Appendix IV—Meteorological Observations on James Bay in 1887, and on the East Coast of Hudson Bay in 1888.
- 268.** ***(K)** ELLS, R. W.—Report on the Geology of the Counties of Megantic, Beauce, Dorchester, Lévis, Bellechasse and Montmagny, Quebec. With Appendix and Map No. 287, pp. 120. See Map No. 375. Price, 25c.

- AMI, H. M.—Appendix—Systematic List of Fossils collected in the District.
269. * (M) BAILEY, L. W. AND McINNES, W.—Report on Explorations and Surveys in Portions of Northern New Brunswick and adjacent Areas in Quebec and in Maine, U.S. With Map No. 290, pp. 52. Price, 25c.
270. * (N) CHALMERS, R.—Report on the Surface Geology of Northeastern New Brunswick. With Maps Nos. 288 and 289, pp. 33. Price, 20c.
271. * (R) DAWSON, G. M.—The Mineral Wealth of British Columbia, with annotated list of Localities of Minerals of Economic Value, pp. 163. Out of print.
272. * (S) COSTE, E.—Mines Section. Annual Report for 1887, pp. 110. Price, 10c.
273. * (T) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 58. Price, 15c.
- Accompanying Maps.*
274. * Index Map of the Yukon Territory, the Northern Portion of British Columbia and adjacent Regions. Part B. Scale 60 miles to 1 inch. Out of print.
- * Yukon Territory and British Columbia, Sheets I, II and III. Part B. Scale 8 miles to 1 inch. (2nd edition, January, 1898.)
275. * Sheet I.—Stikine and Dease Rivers. Price, 10c.
276. * Sheet II.—Upper Liard and Frances Rivers and upper Portion of Pelly River. Price, 10c.
277. * Sheet III.—Lower Portion of Pelly and Lewes Rivers and Taiya River. Price, 10c.
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- NOTE.—Maps Nos. 275 to 279, 283 and 286 to 290, are in portfolio accompanying Report.
291. * Summary Report of the Director to December 31st, 1889, being Part III, Annual Report of the Department of Interior, 1889. Large 8vo. pp. 44. Price, 5c.

- 292. Annual Report (New Series), Vol. IV., 1884-85.** Published in English and French, Montreal, 1890. Large 8vo. pp. English 1033, French 1079. Price, \$2.00.
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- 294. * (B) DAWSON, G. M.**—Report on a Portion of the West Kootenay District, British Columbia. With Map No. 303, pp. 66. Price, 20c.
- 295. * (D) MCCONNELL, R. G.**—Report on an Exploration in the Yukon and Mackenzie Basins. With Appendix and Map No. 304, pp. 163. Price, 25c.
- Appendix I—Meteorological Observations.
NOTE.—Maps Nos. 305 to 313 accompany Vol. IV.
- 296. * (E) UPHAM, W.**—Report of Exploration of the Glacial Lake Agassiz in Manitoba. With Appendices I and II and Maps Nos. 314, 315 and 316, pp. 156. Appendix I—Courses of Glacial Striae. Price, 25c.
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- 297. * (K) ELLS, R. W.**—Report on the Mineral Resources of the Province of Quebec, pp. 159. Price, 25c.
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- 300. * (S) BRUMELL, H. P. H.**—Mines Section. Annual Report for 1888, pp. 93. Out of print.
- 301. * (S) INGALL, E. D.**—Mines Section. Annual Report for 1889, pp. 123. Price, 10c.
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- 307. * " 3, Fort Providence to Fort Simpson "** " "
- 308. * " 4, Liard River Sheet.** " "
- 309. * " 5, Fort Wrigley "** " "
- 310. * " 6, Fort Norman "** " "
- 311. * " 7, Fort Good Hope "** " "
- 312. * " 8, Porcupine River "** " "
- 313. * " 9, Yukon River "** " "
- 314. Map of the Glacial Lake Agassiz and adjoining Portions of North America. Part E.** Scale 220 miles to 1 inch.
- 315. Sections illustrating the Report on the Glacial Lake Agassiz in Southern Manitoba. Part E.**
- 316. Map of the Beaches and Deltas of the Glacial Lake Agassiz in Southern Manitoba. Part E.** Scale 20 miles to 1 inch.
- 317. * Sheet 1, S.W.—Surface Geology,—(St. Stephen Sheet), Charlotte County, New Brunswick. Part N.** Scale 4 miles to 1 inch. Price, 10c.
- 318. * Sheet 1, S.E.—Surface Geology,—(St. John Sheet), parts of St. John and Kings Counties, New Brunswick. Part N.** Scale 4 miles to 1 inch. Price, 10c.

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NOTE.—Maps Nos. 305 to 313 (incl.), and 317, 318 and 319 are in portfolio accompanying Report.

320. *Summary Report of the Geological Survey Department for the year 1890. Large 8vo. pp. 57. (Blue-book form.) Out of print.

321. *Summary Report of the Geological Survey Department for the year 1891. Large 8vo. pp. 60. (Blue-book form.) Price, 5c.

322. Annual Report (New Series), Vol. V., 1890-91: Published in English and French, Ottawa, 1893. 2 vols., large 8vo. pp., English 1486, French 1619. Price, \$2.00.

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323. *(A) SELWYN, A. R. C.—Summary Report of the Director for the year 1891, pp. 92. (Reprint from Blue book.) Price, 10c.

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Appendix—List of photographs taken in the summers of 1887-90.

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✓ BELL, R.—Appendix II—Levels of Lakes above the Sea.

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✓ BELL, R.—Appendix IV—Meanings of Indian geographical Names in the Country around Sudbury.

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Appendix A—Table of Beaumé's Hydrometer, with corresponding Specific Gravities.

Appendix B—Cost of "Drilling Rig," complete, at Petrolia, Ont.

Appendix C—Bibliography.

333. *(R) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 72.
Price, 20c.
334. *(S) INGALL, E. D.—Mines Section. Annual Report for 1890, pp. 200.
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- 352.** *Summary Report of the Geological Survey Department for the year 1894. With Map No. 554. Large 8vo. pp. 126. (Blue-book form.) Out of print.
- 361.** Annual Report (New Series) Vol. VII., 1894. Published in English and French, Ottawa, 1896. Large 8vo., pp. English 1206, French 1289. Price, \$1.50.
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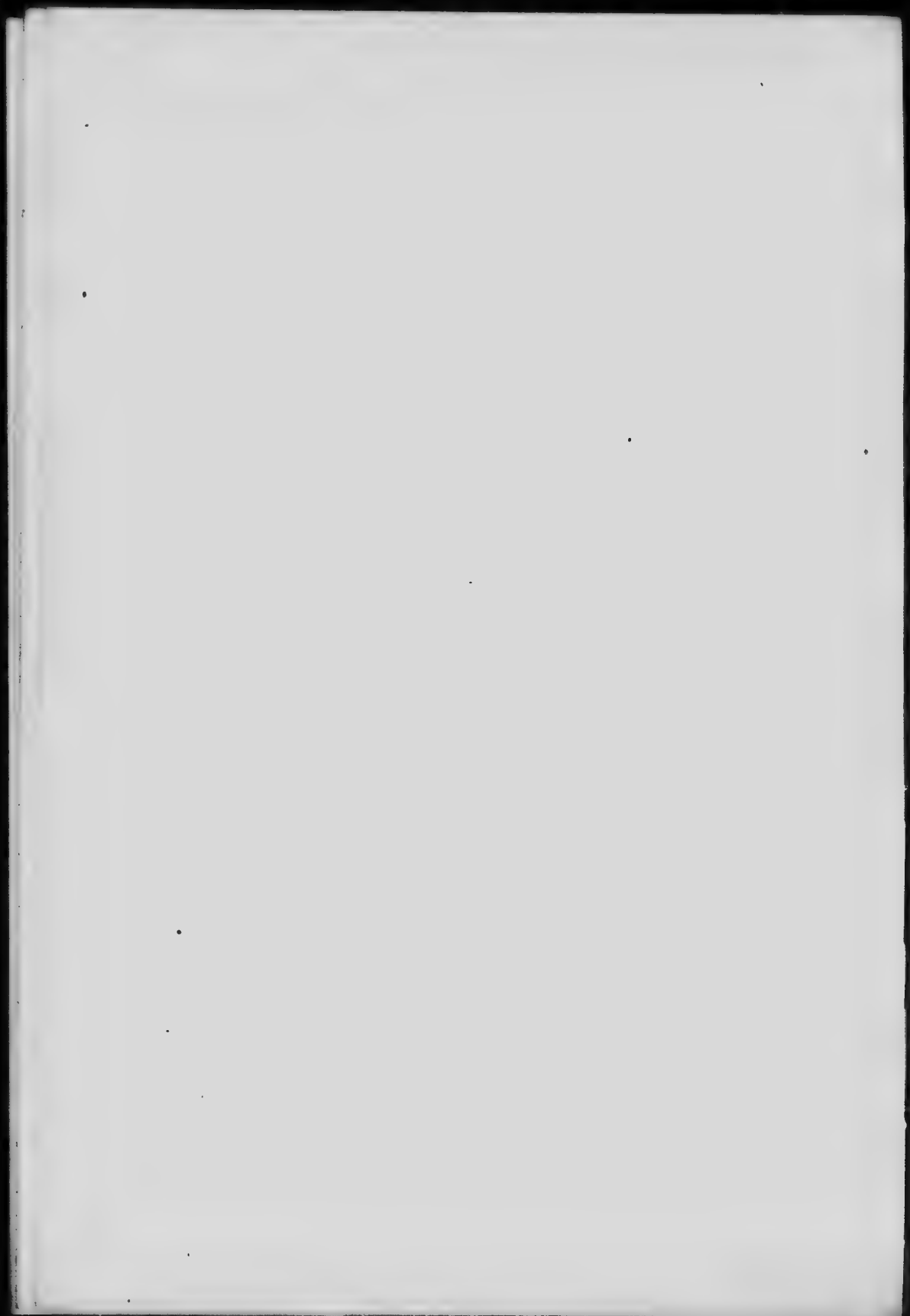
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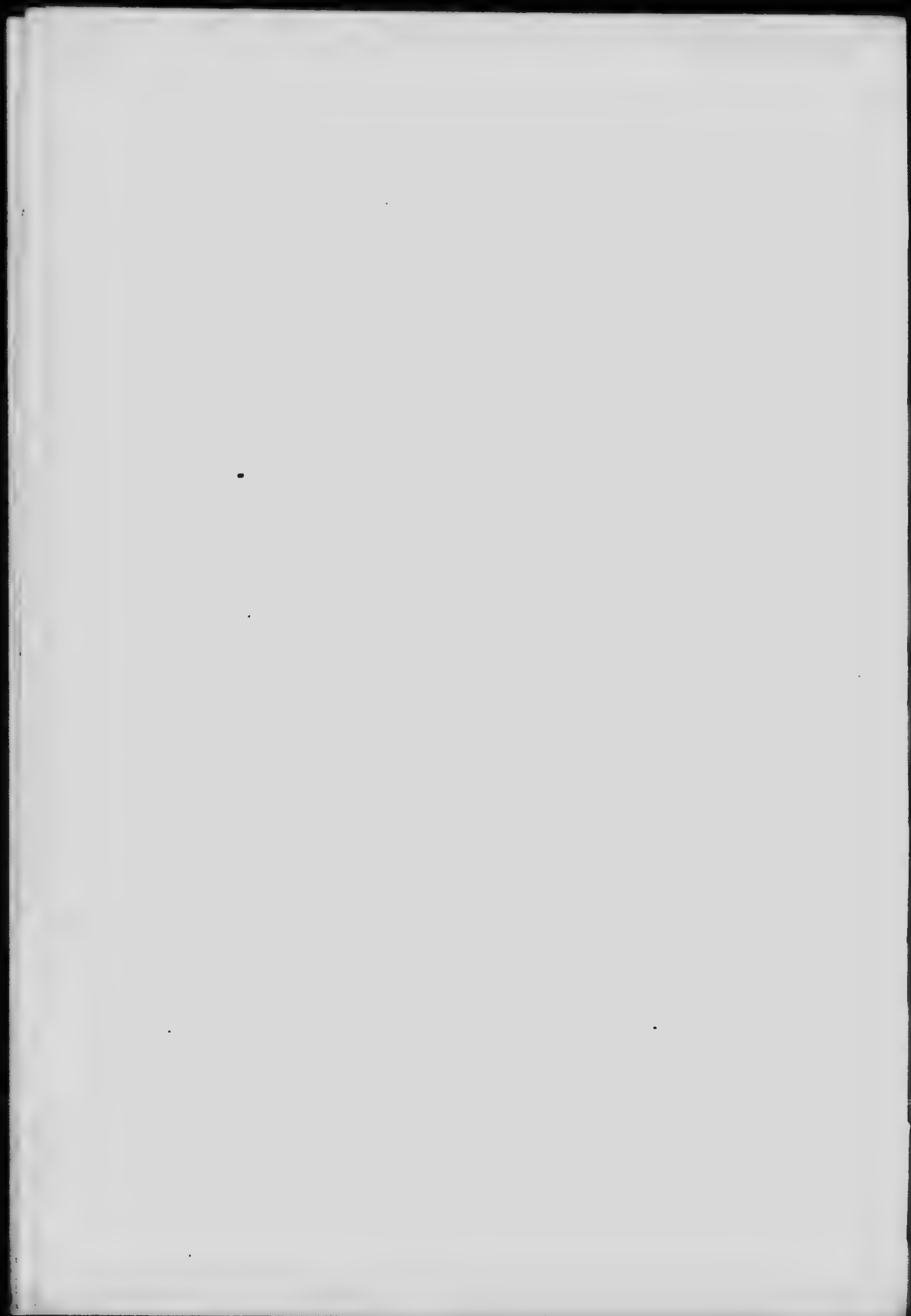
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741. Report on the Geology and Natural Resources of the area included in the Map of the City of Ottawa and Vicinity. R. W. Ellis.
790. Report on the Perth Sheet. R. W. Ellis.
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154. Notes on the Geology of the southeastern portion of the Province of Quebec. (Pt. No. 154, 1880-1-2.) With appendix. A. R. C. Selwyn.
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730. Report on the Geology of Argenteuil, Labelle and Wright, and part of Pontiac Counties, Que., and portions of Carleton, Russell and Prescott Counties, Ont. With appendix. R. W. Ellis.
741. Report on the Geology and Natural Resources of area included in the map of the city of Ottawa and vicinity. R. W. Ellis.
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217. Observations on the Geology, Zoology and Botany of Hudson Strait and Bay. With Appendices. R. Bell.
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- 267. Report on Explorations in James Bay and Country East of Hudson Bay, drained by the Big, Great Whale and Clearwater Rivers. With Appendices. A. P. Low.
- 284. Report on Explorations in the Labrador Peninsula, along the Eastmain, Koksoak, Hamilton, Manikuanan and portions of other Rivers in 1892-3-4-5. With Appendices. A. P. Low.
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- 905. Report on the Cruise of the *Neptune*, 1903-4. A. P. Low.

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- 125. Report on the Pre-Silurian Rocks of Albert, eastern Kings and St. John Counties, Southern New Brunswick. (Pt. No. 125, 1877-8.) R. W. Ellis.
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241. On the Surface Geology of Northern New Brunswick and southeastern Quebec. R. Chalmers.
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260. Report on Explorations and Surveys in portions of Northern New Brunswick and adjacent areas in Quebec and Maine, U.S. L. W. Bailey and W. McInnes.
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566. Report on the Surface Geology of Eastern New Brunswick, Northwestern Nova Scotia and a portion of Prince Edward Island. R. Chalmers.
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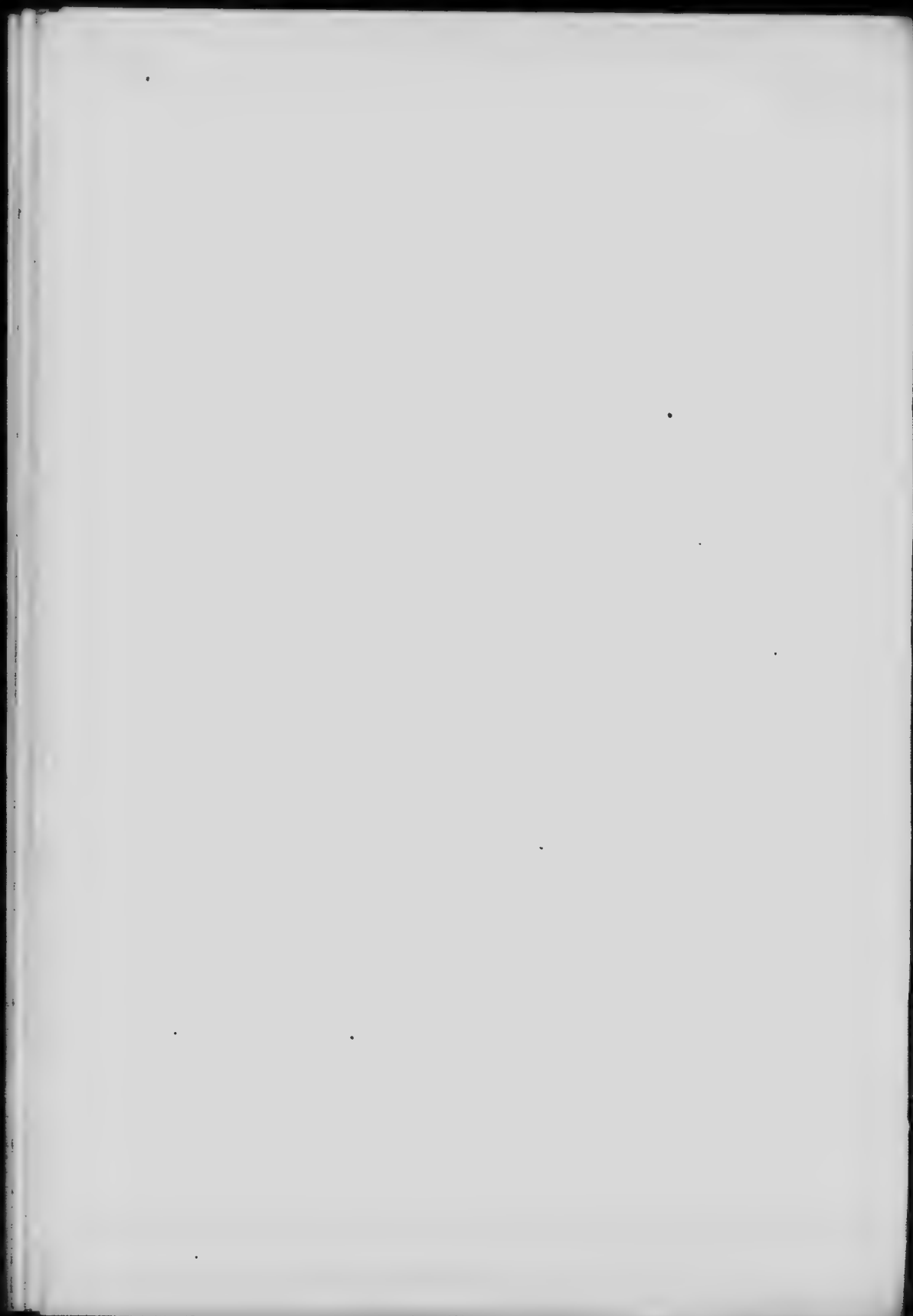
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- 331. Report on Geological Surveys and Explorations in the Counties of Pictou and Colchester. H. Fletcher.
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- 560. Report on the Surface Geology of Eastern New Brunswick, Northwestern Nova Scotia and a portion of Prince Edward Island. R. Chalmers.
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- 560. Report on the Surface Geology of Eastern New Brunswick, Northwestern Nova Scotia and a portion of Prince Edward Island. R. Chalmers.

PART III.

AUTHORS' REPORTS PUBLISHED AS SEPARATES.



PART III

AUTHORS' REPORTS.

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- No. 155. Quebec Group—Microscopic structure of rocks of. (Out of print.)
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- (4)—Preliminary list of Fossils from New Brunswick.

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PART IV

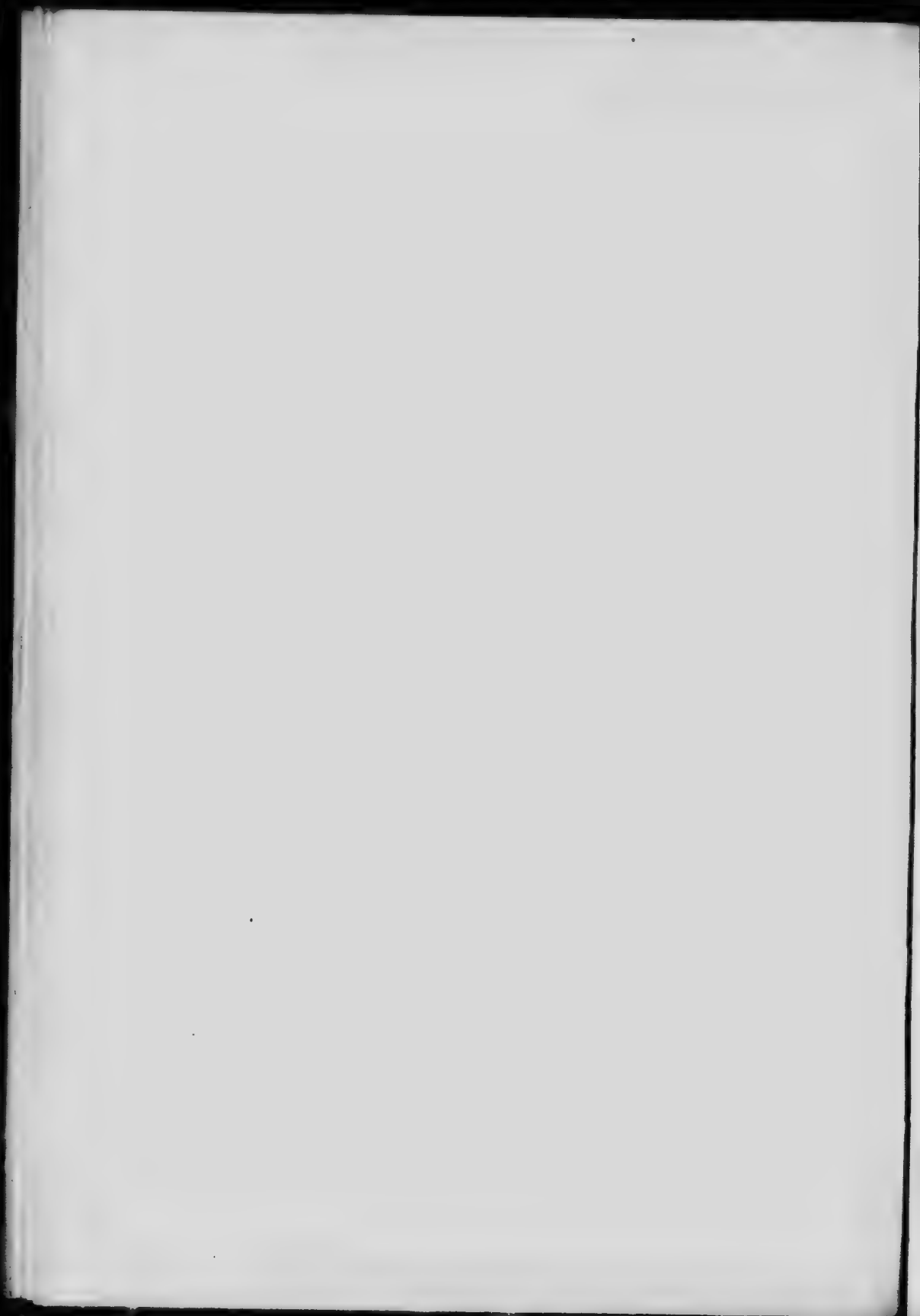
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" " " relating especially to (b) Palaeontology.

" " " (c) Zoology.

" " " (d) Ethnology and Archaeology.

" " " (e) Botany.



PART IV

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Mines Section Reports. See page 54.

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Reports of the Section of Chemistry and Mineralogy. See page 54.

- 363. Report on the Geology of the Mining District of Caribou, B.C. A. Bowman.
- 364. Report on Mines and Mining on Lake Superior. E. D. Ingall.
- 371. The Mineral Wealth of British Columbia. G. M. Dawson.
- 384. Report on a portion of the West Kootenay District, B.C. G. M. Dawson.
- 387. Report on the Mineral Resources of the Province of Quebec. R. W. Ellis.
- 393. Annotated List of the Minerals occurring in Canada. G. C. Hoffmann.
- 395. Report on the Geology and Economic Minerals of the Southern portion of Portneuf, Quebec and Montmorcency Counties, P.Q. A. P. Low.
- 399. Report on Natural Gas and Petroleum in Ontario prior to 1891. H. P. H. Brumell.
- 573. Report on the Area of the Kamloops Map-sheet, British Columbia. G. M. Dawson.
- 723. Report on the Iron Ore Deposits along the Kingston and Pembroke Railway in Eastern Ontario. E. D. Ingall.
- 743. Report on the Atlin Mining District, B.C. J. C. Gwillim.
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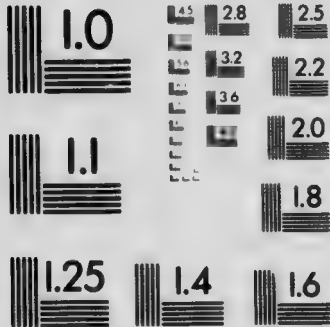
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 - 494. Decade 2--A Monograph of the Graptolites of the Quebec Group. By James Hall. With 23 plates. Montreal, 1865. Large 8vo. (limited edition 4to.) pp. 151.
 - 495. Decade 3--Monographs of Lower Silurian Cystidæ and Asteriads. By E. Billings. Description of the genus *Cyclacystoides*. By J. W. Salter and E. Billings. Monograph of the Palæozoic Bivalve Entomostraca of Canada. By T. Rupert Jones. With 11 plates. Montreal, 1868. Large 8vo. pp. 102.
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438. Fossil Plants of the Devonian and Upper Silurian Formations of Canada. By J. W. Dawson. With 20 plates. Montreal, 1871. Large 8vo. pp. 92.
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- (5.) On some Ostracoda from the Cambro-Silurian, Silurian and Devonian rocks.
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457. Contributions to Canadian Paleontology. Vol. I. Part II. Out of print. See under Authors' Reports—Whiteaves.
458. Contributions to Canadian Paleontology. Vol. I. Part III. See under Authors' Reports—Whiteaves.
459. Contributions to Canadian Paleontology. Vol. I. Part IV. See under Authors' Reports—Whiteaves.
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 (3.) Notes on Myriopods and Arachnids found in Silurian Stumps in the Nova Scotia Coal-field.
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- Notes on the Ammonites of the Cretaceous rocks of the District of Athabaska, with descriptions of four new species. See under Authors' Reports—Whiteaves.
- The Recent Discovery of large Unio-like Shells in the Coal Measures at Joggins, Nova Scotia. See under Authors' Reports—Whiteaves.
- The Cretaceous System in Canada. (Presidential Address). See under Authors' Reports—Whiteaves.
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- Notes on the Gastropoda of the Trenton limestone of Manitoba, with a description of one new species. See under Authors' Reports—Whiteaves.
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" XII. December, 1898. p. 12. (Reprinted from the Ottawa Naturalist).

" XIII. October, 1899, p. 12. (Reprinted from the Ottawa Naturalist).

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" XV. March 8th, 1902, pp. 2.

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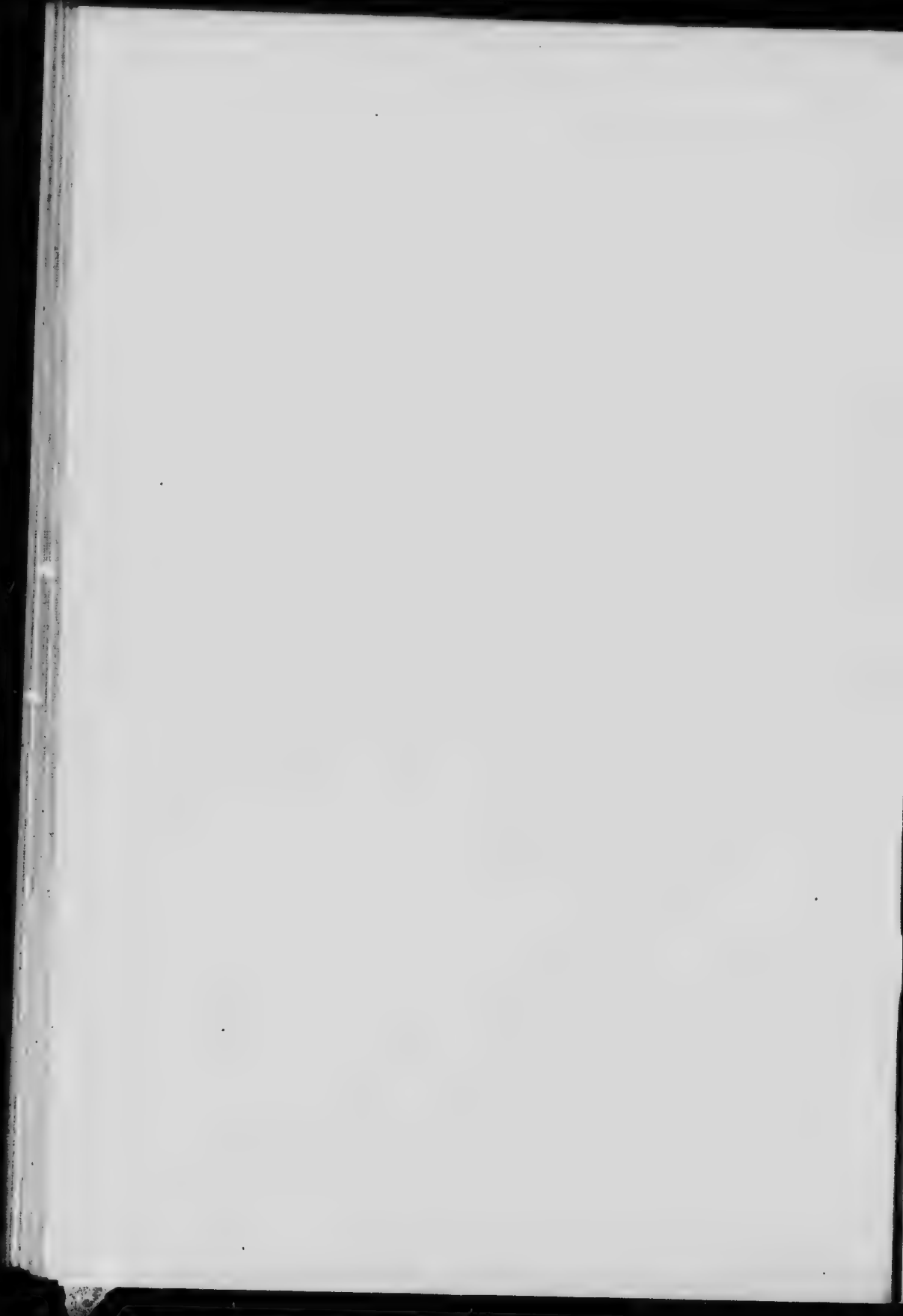
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PART V

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Economic Minerals in the Kamloops District, B.C. G. M. Dawson.

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The country north of the Ottawa river and east of the Gatineau in Labelle and Wright counties with adjacent areas in Ontario. R. W. Ellis.

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The Nottaway River Basin. R. Bell.

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North-west Territories—

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Shebandowan Lake District. W. McInnes.

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Corundum in Hastings and Renfrew. A. E. Barlow.

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Explorations in—J. B. Tyrrell.

Gold Mining in the Klondike District. R. G. McConnell and J. B. Tyrrell.

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West Kootenay. R. W. Brock.

Yellowhead Pass District. J. McEvoy.

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PART VI

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These reports which have constituted Parts 8. or 88. of the Annual Volumes of the Geological Survey are made up of separate articles on the various mineral industries of Canada, covering in the various issues the following general features, viz. :—Production, consumption, exports, imports, names of operators, nature and quality of products, markets, uses, progress of discovery and development during the year and such general information illustrative of the mineral industries as may be available at the time of issue.

In addition to the recurrent general matter of the reports, special articles of various length have appeared giving in condensed form technological data relating to certain mineral districts or important groups of deposits and generally embodying such features as mode and conditions of occurrence, dimensions and features of the mineral bodies, quality and nature of ores, &c., with tables of all available analyses, methods of exploitation and preparation, with descriptions of plant and machinery, markets and transportation facilities, bibliography of the subject, &c., &c.

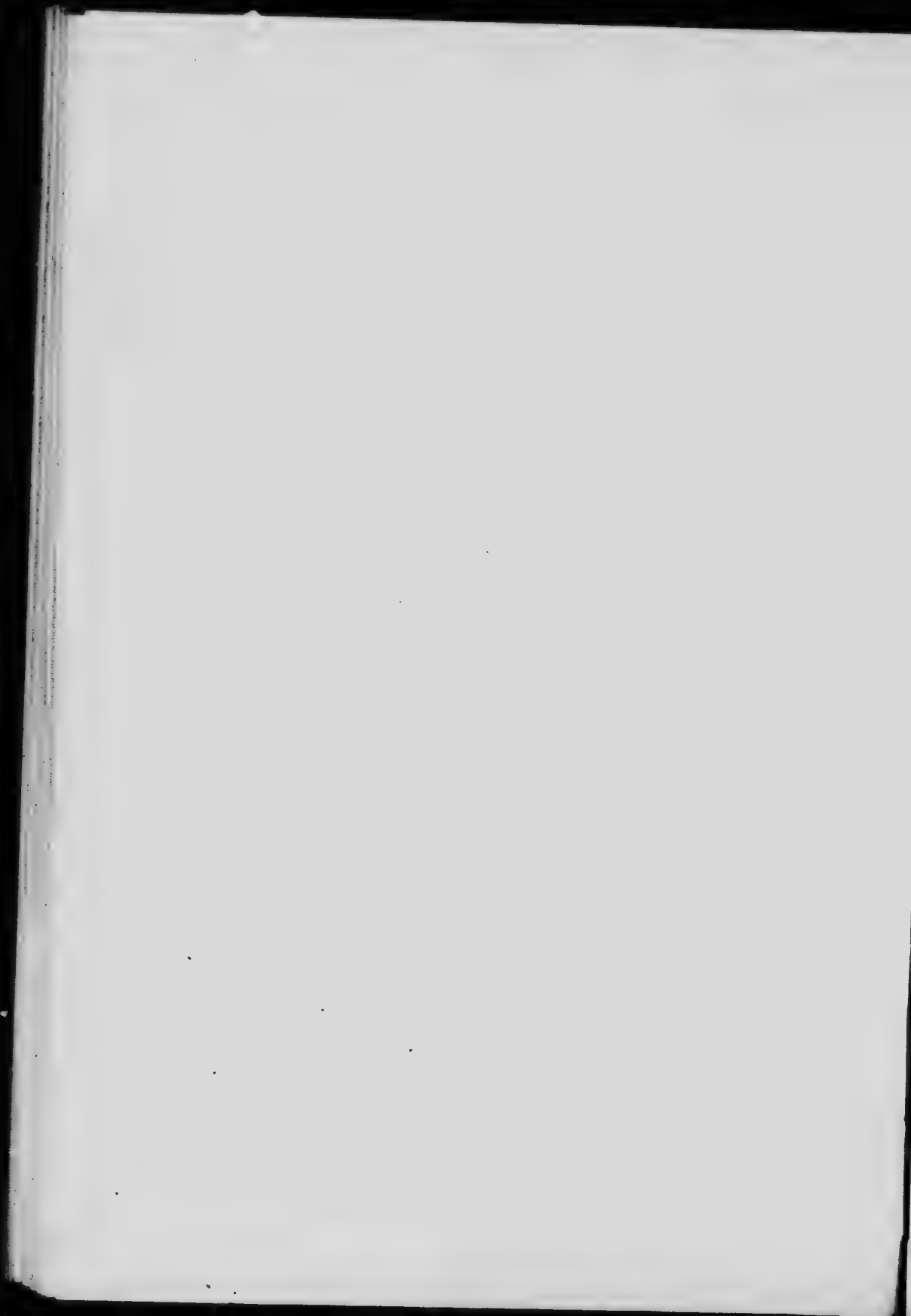
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- 345.** Sketch-map of Essex County. Part Q., Vol. V. Scale 6 miles to 1 inch.
- 346.** Sketch-map, Whitby, Ont., to Fredonia, N. Y. Part Q., Vol. V. Horizontal scale 7 miles to 1 inch; vertical scale 1,100 feet to 1 inch.
- 347.** Sketch-map of Southwestern Ontario. Part Q., Vol. V. Scale 15 miles to 1 inch.
- 348.** Sketch-map, Port Colborne to Kincardine. Part Q., Vol. V. Horizontal scale 6½ miles to 1 inch; vertical scale 1,100 feet to 1 inch.
- 349.** Sketch-map, Whitby to Courtright. Part Q., Vol. V. Horizontal scale 7 miles to 1 inch; vertical scale 1,100 feet to 1 inch.
- 681.** Sketch-map of Oil Areas in Lambton County. Part S., Vol. XI. Scale 4 miles to 1 inch.
- 882.** Sketch-map of Gas-field in Essex County. Part S., Vol. XI. Scale 4 miles to 1 inch.
- 883.** Sketch-map of Gas-field in Welland County. Part S., Vol. XI. Scale 4 miles to 1 inch.
- 898.** Sketch-map of Southwestern Ontario, showing Shore Lines of Ancient Great Lakes. Part A., Vol. XV. Scale 24 miles to 1 inch.
- 898.** Sketch-map of Bruce Mines and Desbarats District. Part A., Vol. XVI. Scale about 2 miles to 1 inch.

Serial Geological Sheets :

- 327.** Sheet 1. Western Ontario. Northern Part of Lake of the Woods. Part CC., Vol. I. Scale 2 miles to 1 inch.
- 373.** Sheet 2. Western Ontario. Rainy River Sheet. Part F., Vol. III. Scale 2 miles to 1 inch.
- 383.** Sheet 3. Rainy Lake Sheet. Part F., Vol. III. Scale 4 miles to 1 inch.
- 740.** Sheet 4. Western Ontario. Manitou Lake Sheet. Scale 4 miles to 1 inch.
- 663.** Sheet 5. Western Ontario. Ignace Sheet. Scale 4 miles to 1 inch.
- 560.** Sheet 6. Western Ontario. Seine River Sheet. Part H., Vol. X. Scale 4 miles to 1 inch.
- 542.** Sheet 7. Western Ontario. Hunter Island Sheet. Part G., Vol. V. Scale 4 miles to 1 inch.
- 589.** Sheet 8. Western Ontario. Lake Shebandowan Sheet. Part H., Vol. X. Scale 4 miles to 1 inch.

709. Sheet 118. Ontario. Haliburton Sheet. Scale 4 miles to 1 inch.
 789. Sheet 119. Ontario. Perth Sheet. Part J., Vol. XIV. Scale 4 miles to 1 inch.
 903. Sheet 120. Ottawa and Cornwall Sheet, Ont. and Que. Part JJ., Vol. XVI.
 Scale 4 miles to 1 inch.
 750. Sheet 121. Grenville Sheet, Ont. and Que. Part J., Vol. XII. Scale 4 miles
 to 1 inch.
 660. Sheet 122. Pembroke Sheet, Ont. and Que. Scale 4 miles to 1 inch.
 570. Sheet 125. French River Sheet. Part I., Vol. IX. Scale 4 miles to 1 inch.
 605. Sheet 126. Manitoulin Island Sheet, Algoma Dist. Scale 4 miles to 1 inch. In
 preparation.
 630. Sheet 122. Mississagi Sheet. Scale 4 miles to 1 inch. In preparation.
 343. Sheet 130. Sudbury Sheet. Part F., Vol. V. Scale 4 miles to 1 inch.
 606. Sheet 131. Lake Nipissing Sheet. Part I., Vol. X. Scale 4 miles to 1 inch.
 599. Sheet 133. Lake Timiskaming Sheet. Part I., Vol. X. Scale 4 miles to 1 inch.

Mining Maps.

91. Dalhousie Iron Mines. Report, 1872-73. Scale 100 feet to 1 inch.
 99. North Burgess Phosphate District. Report, 1873-74. Scale 40 chains to 1 inch.
 393. Bruce Mines Location. Scale 40 chains to 1 inch.
 394. Part of the Bruce Mines. Scale 2 chains to 1 inch.
 726. Bedford or Glendower Mine. Part I., Vol. XII. Scale 300 feet to 1 inch.
 727. Robertsville and Mary Mines. Part I., Vol. XII. Scale 200 feet to 1 inch.
 728. Fournier Mine. Part I., Vol. XII. Scale 200 feet to 1 inch.
 729. Christie Lake Mine. Part I., Vol. XII. Scale 200 feet to 1 inch.
 730. Wilbur Mine. Part I., Vol. XII. Scale 200 feet to 1 inch.
 731. Yuill Mine. Part I., Vol. XII. Scale about 37 feet to 1 inch.
 732. Bluff Point Mine. Part I., Vol. XII. Scale 400 feet to 1 inch.
 733. Calabogie Mines. Campbell and Caldwell Workings. Part I., Vol. XII. Scale
 200 feet to 1 inch.
 734. Culhane Mine. Part I., Vol. XII. Scale 120 feet to 1 inch.
 735. Black Bay or Williams Mine. Part I., Vol. XII. Scale 120 feet to 1 inch.
 736. Chaffey and Matthews Mines. Part I., Vol. XII. Scale 600 feet to 1 inch.
 737. Playfair or Dalhousie Mine. Part I., Vol. XII. Scale 50 feet to 1 inch.
 738. Dog Lake Hematite Mine. Part I., Vol. XII. Scale 50 feet to 1 inch.
 824. Copper Cliff and vicinity, Sudbury Mining District. (Northern Sheet.) Part H.,
 Vol. XIV. Scale 400 feet to 1 inch.
 825. Copper Cliff and vicinity, Sudbury Mining District. (Southern Sheet.) Part H.,
 Vol. XIV. Scale 400 feet to 1 inch.
 864. Elsie and Murray Mines, Sudbury, Ontario. Part H., Vol. XIV. Scale 400 feet
 to 1 inch.

Quebec.

General Maps.

13. Map showing distribution of Crystalline Limestones between Grenville and Raw-
 don. Report, 1853-54-55-56. Scale 3 miles to 1 inch.
 13. Map of the Island of Anticosti. Report, 1853-54-55-56. Scale 9 miles to 1 inch.
 43. Map showing distribution of the Devonian and Silurian Formations in part of
 Gaspé. Report, 1857. Scale 6 miles to 1 inch.
 44. Topographical Map of the Magdalen River, Gaspé. Report, 1857. Scale 1 mile to
 1 inch.
 45. Map of Vicinity of Lake St. John. Report, 1857. Scale $4\frac{1}{2}$ miles to 1 inch.
 47. Map of Argenteuil, Labelle and Wright Counties. Report, 1858. Scale 3 miles to
 1 inch.

40. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Report, 1868. Scale 6 miles to 1 inch.
54. Map of parts of the Counties of Labelle, Wright, Terrebonne, Argenteuil and Two Mountains. Report, 1863. Scale 7 miles to 1 inch.
56. Map of east side of Lake Champlain, in the vicinity of the International Boundary. Report, 1863. Scale 2 miles to 1 inch.
57. Map showing distribution of Limestone Conglomerates at Point Lévis. Report, 1863. Scale 3 miles to 1 inch.
80. Map showing distribution of Lower Silurian Rocks between the Chaudière and Trois-Pistoles Rivers. Report, 1866-69. Scale 8 miles to 1 inch.
122. Map of Labelle and Wright Counties. Report, 1876-77. Scale 4 miles to 1 inch.
224. Map of Lake Mistassini. Part D., Vol. I. Scale 8 miles to 1 inch.
287. Asbestos District of Thetford and Coleraine. Part K., Vol. III. Scale 40 chains to 1 inch.
401. Map of a portion of Gaspé. Scale 4 miles to 1 inch.
590. Joliette, Argenteuil, Terrebonne and Montcalm Counties. Part J., Vol. VIII. Scale 4 miles to 1 inch.
667. Map of Gold Areas and Glaciation of Southeastern Quebec. Part J., Vol. X. Scale 8 miles to 1 inch.
668. Map of the Graphite District, Labelle County. Part S., Vol. X. Scale 40 chains to 1 inch.
702. Geological Map of the Basin of Nottaway River. Part K., Vol. XIII. Scale 10 miles to 1 inch.
714. Geological Map of the City of Ottawa and Vicinity, Ontario and Quebec. (Accompanies No. 741, Part G., Vol. XII.) Scale 1 mile to 1 inch.
746. Profile of Canadian Pacific Railway Main Line, Montreal to Winnipeg. Horizontal Scale 30 to 1 inch. Vertical Scale 1,100 feet to 1 inch. (Accompanies No. 745, Altitudes in Dominion of Canada.)
749. Profile of River St. Lawrence and the Great Lakes. Horizontal Scale 35 miles to 1 inch. Vertical Scale 335 feet to 1 inch. (Accompanies No. 745, Altitudes in Dominion of Canada.)
777. Geological and Petrographical Plan and Sections of Shefford Mountain Shefford Co., Quebec, 1902. Part L., Vol. XIII. Scale 40 chains to 1 inch.
- 779-780-781. Geological Map of the East Coasts of Hudson Bay and James Bay, Ungava and Quebec. In three sheets. Part D., Vol. XIII. Scale 8 miles to 1 inch.
802. Sketch Plan of Gaspe Oil-fields, showing Location of Wells and Routes. Part A., Vol. XV. Scale 2 miles to 1 inch.
848. Plan of the recent Landslide on the Lièvre River, near Buckingham Quebec. Part AA., Vol. XV. Scale 12 chains to 1 inch.
862. Map of Copper-bearing rocks of Southern Quebec. Part AA., Vol. XV. Scale 10 miles to 1 inch.
874. Geological Map of the Island of Montreal and Vicinity. Part O., Vol. XIV. Scale 4 miles to 1 inch.
875. Map of Montreal City and Vicinity showing Artesian Wells. Part O., Vol. XIV. Scale 3,000 feet to 1 inch.
876. Sheet of Graphic Diagrams of Wells. Part O., Vol. XIV.
887. Map of Yamaska Mountain. Part H., Vol. XVI. Scale 20 chains to 1 inch.
901. Geological and Topographical Map of Brome Mountain. Part G., Vol. XVI. Scale 40 chains to 1 inch.
251. Southeast Quarter-sheet. "Eastern Townships" Map (Sherbrooke Sheet). Part J., Vol. II. Scale 4 miles to 1 inch.
375. Northeast Quarter-sheet. "Eastern Townships" Map (Quebec Sheet). Part K. Vol. III., 1887-88. Scale 4 miles to 1 inch.

- 571.** Southwest Quarter-sheet. "Eastern Townships" Map (Montreal Sheet). Part J., Vol. VII. Scale 4 miles to 1 inch.
- 665.** Northwest Quarter-sheet. "Eastern Townships" Map (Three Rivers Sheet) Part J., Vol. XI. Scale 4 miles to 1 inch.
- Topographical Map of the Eastern Townships (in four sheets) from St. Jerome and Lake of Two Mountains, on the west, to the New Hampshire and Maine Boundary, on the east, and from Latitude 45° N. to 47° 50' N. Scale 4 miles to 1 inch.

NOTE:—This map is the geographical basis prepared by the Geological Survey for Maps Nos. 251, 375, 571 and 665. Two editions of it have been published, by permission of the Director, from transfers from the original plates, one by Walker & Miles in 1875, and the other by Dawson Bros. in 1883.

376. Walker and Miles, edition of No. 665.

377. Dawson Bros., edition of No. 665.

Geological Serial Sheets.

(Including portions of New Brunswick.)

- 175.** Sheet 3 N.E. Headwaters Bonaventure River Sheet. Scale 4 miles to 1 inch.
- 176.** Sheet 3 N.W. Lake Matapedia Sheet. Scale 4 miles to 1 inch.
- 164.** Sheet 3 S.W. Dalhousie Sheet. Parts D. and DD., 1880-81-82. Scale 4 miles to 1 inch.
- 165.** Sheet 3 S.E. Bathurst Sheet. Parts D. and DD., 1880-81-82. Scale 4 miles to 1 inch.
- 180.** Sheet 6 N.W. Douglastown Sheet. Scale 4 miles to 1 inch.
- 181.** Sheet 7 S.W. Fox River Sheet. Scale 4 miles to 1 inch.
- 182.** Sheet 15 S.E. Cape Marsouin Sheet. Scale 4 miles to 1 inch.
- 183.** Sheet 15 S.W. Ste. Anne de Monts Sheet. Scale 4 miles to 1 inch.
- 290.** Sheet 17 N.E. Madawaska Sheet. Part M., Vol. III. Scale 4 miles to 1 inch.
- 350.** Sheet 18 S.E. Temiscouata Sheet. Part M., Vol. V. Scale 4 miles to 1 inch.
- 750.** Sheet 121. Grenville Sheet. Ontario and Quebec. Part J., Vol. XII. Scale 4 miles to 1 inch.

Northeast Territories and Keewatin.

- 138.** East Coast Hudson Bay. Part C., 1877-78. Scale 4 miles to 1 inch.
- 229.** Ottawa Islands, Hudson Bay. Part DD., Vol. I. Scale 4 nautical miles to 1 inch.
- 341.** Plan of Mossey Portage. Part E., Vol. V. Horizontal scale 50 chains to 1 inch; vertical scale 120 feet to 1 inch.
- 554.** Sketch-map of Labrador Peninsula. Part A., Vol. VII. Scale 150 miles to 1 inch.
- 595-598.** Labrador Peninsula, 4 sheets. Part L., Vol. VIII. Scale 25 miles to 1 inch.
- 602.** Debaunt and Kazan Rivers and Northwest Coast of Hudson Bay. Part F., Vol. IX. Scale 25 miles to 1 inch.
- 621.** Diagram showing positions successively occupied by the centre of the Keewatin Glacier. Part F., Vol. IX. Scale 100 miles to 1 inch.
- 699.** Map of the coasts of Hudson Strait and Ungava Bay. Parts L. and M., Vol. XI. Scale 25 miles to 1 inch.
- 751.** Sketch-map showing exploration of Ekwan and Trout Rivers and West coast of James Bay. Part A., Vol. XIV. Scale 50 miles to 1 inch.
- 759.** Sketch-map of the Northern portion of the Labrador Peninsula. Part A., Vol. XIV. Scale 50 miles to 1 inch.
- 760.** Sketch-map of the Lake Abitibi Region. Part A., Vol. XIV. Scale 16 miles to 1 inch.
- 779-780-781.** Geological Map of the east coasts of Hudson Bay and James Bay, Ungava and Quebec. In three sheets. Part D., Vol. XIII. Scale 8 miles to 1 inch.
- 795.** Sketch-map of the Northern portion of the Labrador Peninsula. Part D., Vol. XIII. 2nd edition. Scale 50 miles to 1 inch.

814. Map of part of Northern Ontario and Eastern Keewatin, Southwest of James Bay. Part A., Vol. XV. Scale 16 miles to 1 inch.
 869. Sketch-map showing explorations between Lac Seul and Severn River, Keewatin. Part A., Vol. XVI. Scale 35 miles to 1 inch.
 895. Map of West coast of James Bay. Part A., Vol. XVI. Scale 16 miles to 1 inch.

Nova Scotia.

General Maps.

82. Pictou Coal-field. Report, 1866-69. Scale 1 mile to 1 inch.
 93. Acadia Iron Mines. Report, 1872-73. Scale 400 yards to 1 inch.
 100. Index Map of Springhill Coal-field. Report, 1873-74. Scale 8 miles to 1 inch.
 105. Cape Dauphin District. Report, 1874-75. Scale 20 chains to 1 inch.
 106. Eastern Part of Sydney Coal-field. Report, 1874-75. Scale 1 mile to 1 inch.
 113. Western Part of the Sydney Coal-field. Report, 1875-76. Scale 1 mile to 1 inch.
 124. Grand Narrows Sheet. Report, 1876-77. Scale 1 mile to 1 inch.
 131. Louisbourg Sheet. Part F., 1877-78. Scale 1 mile to 1 inch.
 280. Cumberland Coal-field Sheet. Sheet 4 N.W. Part E., Vol. I. Scale 4 miles to 1 inch.
 352. Southwestern Nova Scotia. Part Q., Vol. VI. Scale 8 miles to 1 inch.
 379. Part of Guysborough County. Sheet 11 S.W. Part P., Vol. II. Scale 4 miles to 1 inch.
 341. Western Nova Scotia. Part M., Vol. IX. Scale 8 miles to 1 inch.
 757. Index Map of Nova Scotia. Part A., Vol. XIV. Scale 25 miles to 1 inch.
 764. Geological Sketch Map of parts of Kings and Hants Counties, N.S. Part A., Vol. XIV. Scale 2 miles to 1 inch.
 812. Preliminary Geological Map of Springhill Coal-field. Part A., Vol. XV. Scale 50 chains to 1 inch.
 833. Map of Pictou Coal-field. Part M., Vol. XIV. Scale 25 chains to 1 inch.
 897. Preliminary Geological Plan of Nictaux and Torbrook Iron District, N.S. Part A., Vol. XVI. Scale 25 chains to 1 inch.
 927. Gold Fields of Nova Scotia. In preparation.

Serial Geological Sheets—Scale 1 mile to 1 inch.

184. Sheet 1. Cape North Sheet. Part H., 1882-83-84.
 185. Sheet 2. Aspy Bay Sheet. Part H., 1882-83-84.
 186. Sheet 3. Pleasant Bay Sheet. Part H., 1882-83-84.
 187. Sheet 4. Ingonish Sheet. Part H., 1882-83-84.
 188. Sheet 5. Headwaters of Cheticamp River Sheet. Part H., 1882-83-84.
 189. Sheet 6. North Cheticamp Sheet. Part H., 1882-83-84.
 190. Sheet 7. North Shore Sheet. Part H., 1882-83-84.
 191. Sheet 8. Headwaters Margaree River Sheet. Part H., 1882-83-84.
 192. Sheet 9. South Cheticamp Sheet. Part H., 1882-83-84.
 193. Sheet 10. Englishtown Sheet. Part H., 1882-83-84.
 194. Sheet 11. Margaree Sheet. Part H., 1882-83-84.
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 196. Sheet 13. Middle River Sheet. Part H., 1882-83-84.
 197. Sheet 14. Broad Cove Sheet. Part H., 1882-83-84.
 198. Sheet 15. Whyecomagh Sheet. Part H., 1882-83-84.
 199. Sheet 16. Port Hood Sheet. Part H., 1882-83-84.
 200. Sheet 17. Loch Lomond Sheet. Part F., 1879-80.
 201. Sheet 18. River Denys Sheet. Part F., 1879-80.
 202. Sheet 19. Judique Sheet. Part F., 1879-80.
 203. Sheet 20. L'Ardoise Sheet. Part F., 1879-80.

204. Sheet 21. Saint Peter Sheet. Part F., 1879-80.
 205. Sheet 22. Strait of Canoe Sheet. Part F., 1879-80.
 206. Sheet 23. Arichat Sheet. Part F., 1879-80.
 207. Sheet 24. Guysborough Harbour Sheet. Part F., 1879-80.
 379. Sheet 25. Guysborough Sheet. Part P., Vol. II.
 380. Sheet 26. Whitehaven Sheet. Part P., Vol. II.
 381. Sheet 27. Isaac Harbour Sheet. Part P., Vol. II.
 382. Sheet 28. Gogogan Sheet. Part P., Vol. II.
 383. Sheet 29. Sherbrooke Sheet. Part P., Vol. II.
 384. Sheet 30. Country Harbour Sheet. Part P., Vol. II.
 385. Sheet 31. Roman Valley Sheet. Part P., Vol. II.
 386. Sheet 32. Pomquet Harbour Sheet. Part P., Vol. II.
 387. Sheet 33. Cape George Sheet. Part P., Vol. II.
 388. Sheet 34. Antigonish Sheet. Part P., Vol. II.
 389. Sheet 35. Lochaber Sheet. Part P., Vol. II.
 390. Sheet 36. West River St. Marys Sheet. Part P., Vol. II.
 550. Sheet 37. Liscomb River Sheet. Part P., Vol. II.
 551. Sheet 38. Mosers River Sheet. Part P., Vol. II.
 565. Sheet 39. Tangier Sheet. Part P., Vol. II.
 592. Sheet 40. Sheet Harbour Sheet.
 607. Sheet 41. Fifteen-mile Stream Sheet.
 593. Sheet 42. Trafalgar Sheet.
 598. Sheet 43. Stellarton Sheet.
 600. Sheet 44. New Glasgow Sheet.
 608. Sheet 45. Toney River Sheet.
 609. Sheet 46. Pictou Sheet.
 610. Sheet 47. Westville Sheet.
 633. Sheet 48. Eastville Sheet.
 634. Sheet 49. Upper Musquodoboit Sheet.
 634. Sheet 50. Moose River Sheet.
 611. Sheet 51 (and 52). Ship Harbour Sheet.
 700. Sheet 53. Lawrencetown Sheet.
 807. Sheet 54. Musquodoboit Harbour Sheet.
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 795. Sheet 61. Pugwash Sheet.
 796. Sheet 62. Wentworth Sheet.
 836. Sheet 63. Londonderry Sheet.
 837. Sheet 64. Noel Sheet.
 878. Sheet 65. Kennebec Sheet.
 879. Sheet 74. Walton Sheet.
 888. Sheet 75. Five Island Sheet.
 839. Sheet 76. Pleasant Hills Sheet.
 840. Sheet 82. Southampton Sheet.
 841. Sheet 83. Parraborough Sheet.
 826. Sheet 100 (and 101). Apple River Sheet.
 652. Sheet 133. Cape Dauphin Sheet. Report No. 685.
 653. Sheet 134. Sydney Sheet. Report No. 685.
 654. Sheet 135. Little Glace Bay Sheet. Report No. 685.

Plans and Sections of Gold Districts.

632. Isaac Harbour (Goldboro), Guysborough County. Scale 500 feet to 1 inch.
 656. Upper Seal Harbour, Guysborough County. Richardson Mine. Scale 500 feet to 1 inch.
 649. Forest Hill, Guysborough County. Scale 500 feet to 1 inch.
 648. Coalran Hill, Guysborough County. Scale 500 feet to 1 inch.
 667. Wine Harbour, Guysborough County. Scale 250 feet to 1 inch.
 645. Goldenville, Guysborough County. Scale 250 feet to 1 inch.
 645. Harrigan Cove, Halifax County. Scale 400 feet to 1 inch.
 647. Salmon River, Halifax County. Scale 250 feet to 1 inch.
 656. Fifteen-mile Stream, Halifax County. Scale 500 feet to 1 inch.
 632. Killag, Halifax County. Scale 500 feet to 1 inch.
 643. Caribou, Halifax County. Scale 500 feet to 1 inch.
 646. Moose River, Halifax County. Scale 250 feet to 1 inch.
 648. Mooseland, Halifax County. Scale 250 feet to 1 inch.
 773. Tangier, Halifax County. Scale 250 feet to 1 inch.
 765. Lake Catcha, Halifax County. Scale 250 feet to 1 inch.
 666. Lawrencetown, Halifax County. Scale 500 feet to 1 inch.
 740. Montague, Halifax County. Scale 250 feet to 1 inch.
 731. Waverley, Halifax County. Scale 250 feet to 1 inch.
 642. Oldham, Halifax County. Scale 500 feet to 1 inch.
 701. Renfrew, Hants County. Scale 500 feet to 1 inch.
 768. South Uniacke, Hants County. Scale 250 feet to 1 inch.
 709. Mount Uniacke, Hants County. Scale 250 feet to 1 inch.
 844. Gold River, Lunenburg County. Scale 250 feet to 1 inch.
 937. Leipsigate, Lunenburg County. Scale 500 feet to 1 inch.
 850. Transverse Section of Doliver Gold District. Part AA., Vol. XV.
 849. Transverse Section of West Lake Mine, Mount Uniacke. Part AA., Vol. XV.
 806. Transverse Vertical Section of Blue-nose Gold Mine. Part A., Vol. XV.

New Brunswick and Prince Edward Island.

NOTE.—The following Maps of the regular series for New Brunswick, Prince Edward Island, Eastern Quebec and Northern Nova Scotia, are referred to in the Reports of the Geological Survey, as follows:—

Reference for Map No. 143, Part D., 1878-79.

"	"	144,	"	D., DD. and E., 1877-78 and D., 1878-79.
"	"	145,	"	D., 1877-78 and D., 1878-79.
"	"	162,	"	D., 1879-80 and D., 1880-81-82.
"	"	163,	"	D., 1880-81-82.
"	"	164,	"	D. and DD., 1880-81-82.
"	"	165,	"	D., 1879-80, D. and DD., 1880-81-82.
"	"	166,	"	D., 1879-80, and D., 1880-81-82.
"	"	174,	"	G., 1882-83-84.
"	"	175,	"	DD., 1880-81-82 and E. and F., 1882-83-84.

Reference for Maps Nos. 176 to 179 " E., 1882-83-84.

Reference for Map No. 180, Part DD., 1880-81-82 and E., 1882-83-84.

"	"	181,	"	DD., 1880-81-82 and E., 1882-83-84.
"	"	Map Nos. 182 and 183,	Part DD.,	1880-81-82, and E. and F., 1882-83-84.
"	"	Map No. 230,	Part E.,	Vol. I., 1885.
"	"	231,	"	G., Vol. I., 1885.
"	"	254,	"	N., Vol. II., 1886.
"	"	290,	"	M., Vol. III., 1887-88.
"	"	350,	"	M., Vol. V., 1890-91.

143. Sheet 1 S.W. St. Stephen Sheet. Part D., 1878-79. Scale 4 miles to 1 inch.
174. " 1 N.W. Fredericton Sheet, parts of Sunbury, York and Carleton Counties, New Brunswick. Part G., 1882-83-84. Scale 4 miles to 1 inch.
144. Sheet 1 S.E. St. John Sheet. Part D., 1878-79. Scale 4 miles to 1 inch.
145. " 1 N.E. Grand Lake Sheet. Part D., 1878-79. Scale 4 miles to 1 inch.
231. " 2 S.W. Andover Sheet. Part G., Vol. I. " 4 " 1 "
254. " 2 N.W. Grand Falls Sheet. Part N., Vol. II. " 4 " 1 "
163. " 2 N.E. Newcastle Sheet. Part D., 1880-81-82. " 4 " 1 "
163. " 2 S.E. Richibucto Sheet. Part D., 1880-81-82. " 4 " 1 "
164. " 3 S.W. Dalhousie Sheet. Parts D. and DD., 1880-81-82. Scale 4 miles to 1 inch.
165. " 3 S.E. Bathurst Sheet. Parts D. and DD., 1880-81-82. Scale 4 miles to 1 inch.
230. " 4 N.W. Cumberland Coal-field Sheet. Part E., Vol. I. Scale 4 miles to 1 inch.
177. " 5 N.W. North Point Sheet, part of Prince County, Prince Edward Island. Part E., 1882-83-84. Scale 4 miles to 1 inch.
178. Sheet 5 S.W. Buctouche Sheet, parts of Kent County, New Brunswick and Prince and Queens Counties, Prince Edward Island. Part E., 1882-83-84. Scale 4 miles to 1 inch.
179. Sheet 5 S.E. Charlottetown Sheet, parts of Prince and Queens Counties, Prince Edward Island. Part E., 1882-83-84. Scale 4 miles to 1 inch.
166. Sheet 6 S.W. Shippigan Sheet. Part D., 1880-81-82. Scale 4 miles to 1 inch.
290. " 17 N.E. Madawaska Sheet. Part M., Vol. III. " 4 " 1 "
350. " 18 S.E. Temiscouata Sheet. Part M., Vol. V. " 4 " 1 "
317. " 1 S.W. St. Stephen Sheet. Part N., Vol. IV. Surface Geology. Scale 4 miles to 1 inch.
318. " 1 S.E. St. John Sheet. Part N., Vol. IV. Surface Geology. Scale 4 miles to 1 inch.
319. " 1 N.E. Grand Lake Sheet. Part N., Vol. IV. Surface Geology. Scale 4 miles to 1 inch.
563. " 2 S.E. Richibucto Sheet. Part M., Vol. VII. Surface Geology. Scale 4 miles to 1 inch.
289. " 2 N.E. Newcastle Sheet. Part N., Vol. III. Surface Geology. Scale 4 miles to 1 inch.
252. " 3 S.W. Dalhousie Sheet. Part M., Vol. II. Surface Geology. Scale 4 miles to 1 inch.
253. " 3 S.E. Bathurst Sheet. Part M., Vol. II. Surface Geology. Scale 4 miles to 1 inch.
561. " 4 N.W. Cumberland Coal-field Sheet. Surface Geology. Part M., Vol. VII. Scale 4 miles to 1 inch.
562. " 5 S.W. Buctouche Sheet. Part M., Vol. VII. Surface Geology. Scale 4 miles to 1 inch.
288. " 6 S.W. Shippigan Sheet. Part N., Vol. III. Surface Geology. Scale 4 miles to 1 inch.
558. Map showing area occupied by Pleistocene Glaciers at their maximum extension. Part M., Vol. VII. Scale 40 miles to 1 inch.
559. Map showing striation from Local Glaciers and Floating Ice during the closing stage of the Pleistocene. Part M., Vol. VII. Scale 40 miles to 1 inch.
81. York, Carleton and Victoria Counties. Report, 1866-69. Scale 8 miles to 1 inch.
104. Iron Ores of Carleton County. Report, 1874-75. Scale 2 miles to 1 inch.
123. Map of the Lower Carboniferous Rocks of Albert and Westmorland Counties. Report, 1876-77. Scale 1 mile to 1 inch.

613. Map of Principal Mineral Occurrences in New Brunswick. Part M., Vol. X. Scale 10 miles to 1 inch.
696. Surface Geology, Province of New Brunswick. Andover Sheet. Part M., Vol. XII. Scale 4 miles to 1 inch.
697. Surface Geology, Province of New Brunswick. Fredericton Sheet. Part M., Vol. XII. Scale 4 miles to 1 inch.
756. Index Map of New Brunswick, Prince Edward Island and Part of Quebec. Part A., Vol. XII. Scale 10 miles to 1 inch.
801. Outline Map of Prince Edward Island and adjacent portions of New Brunswick and Nova Scotia, showing supposed lines of Anticlines. Part A., Vol. XV. Scale 16 miles to 1 inch.

ADDENDA.

829. Vol. XII. French Edition. 1899.
915. Map of part of S. W. Coast of Hudson Bay. 1905.
916. Sketch-map of Windy Arm Mining District. 1905.
917. Map of Yukon. 1905.
918. Map of Chibougamau Region, Que.
920. Map of part of Ontario Interlake Peninsula showing shore-lines of Ancient Great Lakes.
955. Report on the Chibougamau Region, Que. French. A. P. Low.
The following maps are in the portfolio accompanying Vol. XIV.:-
789. Perth Geological sheet.
791. West Kootenay District. Geological.
792. " " Economic minerals and glacial striae.

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